

(1)

115414  
JULY 29, 1980

JUNE 1980 Inspection

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39043 and T-593 clean; surface unbroken; both roads appear to be well drained.

ACCESS ROADS:

All dry and in good condition. Much shingles and crushed stone stockpiled adjacent to access road for future road building and repair.

DISPOSAL AREAS:

All disposal areas dry and generally in good condition. Northwest, west, southwest sections not disturbed. Work will progress south and southeast until surface of fill reaches grade. Refuse is well mixed with soil and compacted. No blowing litter.

ORIGINAL  
(Red)

RECEIVED

AUG. 1 1980

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

260403

RR 8/28/80

(2)

TRENCH:

Soil being removed from trench No 2 and being used to cover compacted refuse. Trench in east part of the landfill being extended. Trenches dry.

FENCES:

Fences are in good condition.

VEGETATED AREAS:

All trees and brush around perimeter clean.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

RECEIVED

AUG 1 1980

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200404

SANITARY LANDFILL REPORT

COMMENTS:

Complete and bring to grade the area in  
the south-southeast part of the landfill.  
Maintain good soil cover over refuse.  
Good control about blowing refuse.

INSPECTED BY:

*Benzon*

DATE:

July 29, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*Charles A. Costello*

ORIGINAL  
(Red)

cc: Louis Novak  
South Whitehall Township Manager  
Carl F. Gitschier

RECEIVED

260405

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>7/30/80</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>MOORE SANITARY LANDFILL</b>		FACILITY ADDRESS <b>RD #1 ALLINTOWN</b>
MUNICIPALITY <b>SOUTH WHITEHALL TWP.</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. MOORE SR. RD #1 ALLINTOWN 215-345-6251</b>		
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED <b>YES</b>	DAYS PER WEEK OPERATED <b>5.5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
75.21(q)	Approved operational safety program being utilized	✓		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
30				
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
34				
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
35				
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
36				
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
37				
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
38				
75.24(c)(2)(v) & 75.38 II(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
39				
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
40				
75.24(c)(2)(xvii), 75.37(k) & 75.38 II(8)(iii)	Fire breaks	✓		
41				

200406

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(iii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			✓
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	✓		
66 Chapter 101(9)(e)(2)	Is bonding status correct			✓

300407

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

WEATHER: RAIN, Damp  
CALM, HOT

FACILITY OPEN AND  
ACCEPTING WASTES AT TIME OF  
INSPECTION. DEMO. WAS BEING  
DEPOSITED IN EASTERN AREA AND  
REFUSE WAS BEING DEPOSITED IN SOUTH-EASTERN AREA.  
AREAS SHOWING SIGNS OF EROSION MUST BE MAINTAINED.  
ADDITIONAL COVER MATERIAL HAS BEEN APPLIED TO  
AREAS REQUIRING IT. SALVAGED MATERIAL AREA IS BEING  
CLEANED UP, PLACING ITEMS IN A ORDERLY MANNER.  
GENERAL MAINTENANCE IS REQUIRED TO KEEP FACILITY  
IN GOOD SHAPE.

DISPOSAL FACILITY 100534  
NOVAK SANITARY LANDFILL  
DATE 7/30/80

ORIGINAL  
(Red)

John A. Lewis 7/30/80  
Department of Environmental Resources Representative

Louis J. Moras  
Operator

(1)

JULY 1980 INSPECTION

Weather: Sunny 75°F

Louis Novak

SANITARY LANDFILL REPORT

August 23, 1980

PUBLIC ROADS: Legislative Route 39042 and Township Road T-593  
basically clean.

ACCESS ROADS: Main road in good condition; branch roads also  
in good condition.  
Crushed stone stockpiled for road construction.

DISPOSAL AREAS: All disposal areas dry and in good shape.  
Operator plans to operate towards the east,  
southeast until grades are met and then final  
cover and plant this area. Observed soil  
being placed over refuse and compactor making  
repeated passes over the refuse.

RECEIVED

SEP 12 1980

RDG. REGIONAL OFFICE

DEPT. OF

200469

TRENCH: Soil being taken out of trench No. 2 and being used for cover. Soil being taken out of trench in east part of the landfill for stockpile.

FENCES: In satisfactory condition.

VEGETATED AREAS: All trees and brush around perimeter of landfill clean.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

Novak  
SANITARY LANDFILL REPORT

COMMENTS:     Drainage work being done in west, southwest part  
                    of the landfill.  
                    Continue to stockpile stone and rubble for road  
                    repairs and construction.  
                    Apply final cover to completed areas and seed  
                    with fast growing grass.

INSPECTED BY:

*[Signature]*

DATE:     August 23, 1980

ORIGINAL  
(Red)

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*[Signature]*

cc:     Novak Sanitary Landfill  
         Carl F. Gitschier  
         South Whitehall Township Municipal Building

200411

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>		INSPECTION DATE (9-14) <b>8/25/80</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOUAK SANITARY LANDFILL</b>		FACILITY ADDRESS <b>RD #1 ALLENTOWN</b>	
MUNICIPALITY <b>SOUTH WHITE HALL TWP.</b>		COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOUAK SR. RD #1 ALLENTOWN</b>		<b>215-395-6251</b>	
DAILY VOLUME RECEIVED <b>100-125 T/D</b>	ANNUAL REPORT RECEIVED <b>YES</b>	DAYS PER WEEK OPERATED <b>5.5</b>	

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
75.21(q)	Approved operational safety program being utilized	✓		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
30				
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
34				
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	✓		
35				
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
36				
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	✓		
37				
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
38				
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
39				
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
40				
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		
41				

200412

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(iii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(c)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(a), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(iii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(i) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			✓
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			
66 Chapter 101(9)(e)(2)	Is bonding status correct			

200413

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

WEATHER: HOT, DRY  
CLEAR, LIGHT WIND

FACILITY OPEN AT TIME  
OF INSPECTION AND  
ACCEPTING WASTES. WASTES ARE  
BEING DEPOSITED IN THE SOUTH EAST  
CORNER OF THE FACILITY, DEMOLITION IS BEING DEPOSITED  
IN EAST CENTRAL DEMO AREA. OVERALL LANDFILL  
IS IN GOOD CONDITION, BUT REQUIRES SOME ADDITIONAL  
MAINTENANCE WORK.

DISPOSAL FACILITY 100534  
ADUAK SANITARY LANDFILL  
DATE 8/25/80

RECOMMENDATIONS:

- (1) WHEN APPLYING COVER MATERIAL (DAILY AND FINAL)  
CARE MUST BE TAKEN TO ENSURE WASTES ARE  
COMPLETELY COVERED.
- (2) AREAS SHOWING SIGNS OF EROSION MUST BE  
CARVED FOR. STONE RIP-RAP SWALES SHOULD  
BE UTILIZED WHEN NEEDED.
- (3) SALVAGE AREAS MUST BE POLICED CONTINUOUSLY  
TO KEEP AREAS AS NEAT AND ORDERLY AS POSSIBLE.
- (4) PLANS MUST BE MADE FOR THE APPLICATION OF  
FINAL VEGETATIVE COVER WHEN WEATHER CONDITIONS  
ARE RIGHT.

John J. Smith 8/25/80  
Department of Environmental Resources Representative

Louis J. Morone  
Operator

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>		INSPECTION DATE (9-14) <b>9/4/80</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOVAK SANITARY LANDFILL INC.</b>		FACILITY ADDRESS <b>RD#1 ALLSTOWN PA</b>	
MUNICIPALITY <b>SOUTH WHITE HALL TWP.</b>		COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK SR. RD#1 ALLSTOWN PA</b>			
DAILY VOLUME RECEIVED <b>100-125 TON/DA</b>	ANNUAL REPORT RECEIVED <b>YLS</b>		DAYS PER WEEK OPERATED <b>5.5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
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29 75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
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35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	✓		
36 75.24(c)(2)(ii), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	✓		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		

200415

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 — Compliance, 2 — Non-Compliance, 3 — Not applicable

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44	75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(iii)	Approved cover material being utilized	✓	
45	75.24(c)(2)(x)	Approved subbase being utilized	✓	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓	
47	75.25(h)	Lined site, under drains operable		✓
48	75.25(i)	Are liners in place and covered with protective earth		✓
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained		✓
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		✓
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓	
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53	75.26(q)	At lined sites, is all waste deposited on lined areas		✓
54	75.26(f)	Regulation ban on open burning adhered to	✓	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓	
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		✓
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓	
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63	75.26(j), (k)	Blowing litter controlled	✓	
64	75.26(c)	Provision for standby equipment available when needed	✓	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	✓	
66	Chapter 101(9)(e)(2)	Is bonding status correct		✓

206416

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

WEATHER: HOT, DRY, CLEAR.  
LIGHT WIND

FACILITY OPEN AND  
ACCEPTING WASTES AT  
TIME OF INSPECTION. WASTES  
ARE BEING DEPOSITED IN THE  
SOUTHEAST SECTION OF SITE DEMO.  
WASTES ARE BEING DEPOSITED IN DEMO AREA. SOIL  
MATERIAL IS CURRENTLY BE EXCAVATED FROM THIS  
DEMO AREA. OVERALL FACILITY IS IN FAIR SHAPE.

DISPOSAL FACILITY 100534

ALOUA SANITARY LANDFILL, PA

DATE 9/4/80

RECOMMENDATIONS:

- (1) CONTINUE CLEANING OUT SALVAGE AREAS, SCRAP  
MATERIAL MUST BE KEPT AT A MINIMUM.
- (2) CONTINUE WORKING ON DRAINAGE DITCHES, USING  
STONE WALLS WHERE PRACTICAL.
- (3) PLAN FOR REVEGETATION WHEN WEATHER PERMITS.

REMINDER: QUARTERLY GROUND WATER MONITORING  
REPORT DUE ON OR BEFORE OCTOBER 1.

CITATION:

- (56) SIX INCHES OF COMPACTED SOIL MATERIAL MUST  
BE PLACED OVER ALL WASTES AT THE END  
OF EACH WORKING DAY.

John J. Linn 9/4/80  
Department of Environmental Resources Representative

Frank H. Hawk  
Operator



# ALLENTOWN TESTING LABORATORIES, INC.

754 EAST FAIRVIEW STREET • BETHLEHEM, PA.

PHONE (215) 865-2674

• Testing • Research • Chemical Analysis • Industrial Radiology • Soils • X-Ray • Water • Steel

## Certificate of Test and Analysis

Date Sept. 17, 1980

For: Kovak Sanitary Landfill  
Route #1  
Allentown, PA 18104

Lab. No. 80663  
(A 1445 Ch)

On sample of: Four Waters

Received: Sept. 12, 1980

Marked: as below

Examined with the following results:

	#1	#2	#3	#4
pH	7.51	7.40	7.48	7.61
Alkalinity to pH 3.7	374mg/l as CaCO <sub>3</sub>	363mg/l as CaCO <sub>3</sub>	320mg/l as CaCO <sub>3</sub>	253mg/l CaCO <sub>3</sub>
Specific Conduct- ance	800 umhos @ 23°C	550 umhos @ 23°C	600 umhos @ 23°C	601 umhos
Sulfates	35.2 mg/l	33.0 mg/l	36.0 mg/l	12.1 mg/l
Total Solids	470 mg/l	484 mg/l	560 mg/l	333 mg/l
Chlorides	14.1 mg/l	8.10 mg/l	93.0 mg/l	40.0 mg/l
BOD <sub>5</sub>	<1.0 mg/l	<1.0 mg/l	1.1 mg/l	<1.0 mg/l
COD	34.2 mg/l	340 mg/l	37.3 mg/l	<1.5 mg/l
Iron (done by atomic Abs.)	0.030 mg/l	0.040 mg/l	0.171 mg/l	0.01 mg/l

Reported to: (2) above

Respectfully submitted,

ALLENTOWN TESTING LABORATORY

John J. Desmond

200418

(1)

100534  
WEATHER: Sunny 70°

AUGUST 1980 INSPECTION

September 20, 1980

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS: Legislative Route 39042 and Township Road T-593  
clean.

ACCESS ROADS: All in good condition. All vehicles have easy  
access on the existing access road.

DISPOSAL AREAS: Area where dumping is presently taking place  
is well below final grade. Refuse unloaded,  
spread, mixed, covered, and compacted. No  
blowing litter. Soil stockpiled from 6+00S,  
13+00W to 7+00S, 9+00W form retention ridge.  
Demolition is dumping in that area in and  
around station 4+50W, 2+00S - 8+00S, as per  
approved permit.

RECEIVED  
200419

TRENCH:

Trenches dry. Trench in the east being received demolition.

FENCES:

Fences are in good condition.

VEGETATED AREAS:

All wooded and grassed areas clean and void of litter

VECTOR &  
INCINERATION:

No smouldering or blowing refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

ORIGINAL  
-601

206420

SANITARY LANDFILL REPORT

COMMENTS: Completed area in North, Northwest, and West sections being stabilized with fast growing grass. Complete and bring to grade the area in the south-southeast part of landfill.  
Maintain good soil cover over refuse.

INSPECTED BY:

*[Signature]*

DATE:

September 20, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*Charles A. Costello*

Charles A. Costello

cc: Novak Sanitary Landfill

Carl F. Gitschier

South Whitehall Township Manager

200421

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <u>100534</u>	INSPECTION DATE (9-14) <u>10/9/80</u>	INSPECTORS SOC. SEC. NO. (16-24) <u>184-50-2106</u>
NAME OF DISPOSAL FACILITY <u>NOVAK SANITARY LANDFILL</u>	FACILITY ADDRESS <u>RD #1 ALLENTOWN PA.</u>	
MUNICIPALITY <u>SOUTH WHITEHALL TWP.</u>	COUNTY <u>LEHIGH</u>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <u>LOUIS J. NOVAK SR. RD #1 ALLENTOWN PA.</u>		
DAILY VOLUME RECEIVED <u>125 T/D</u>	ANNUAL REPORT RECEIVED <u>YES</u>	DAYS PER WEEK OPERATED <u>5.5</u>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
34 75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(iii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		

200422

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(iii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(iii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	✓		
66 Chapter 101(9)(e)(2)	Is bonding status correct			✓

200423

STARTED: 10/11/80, 10/11/80  
LIGHT WIND

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Facility opened

accepting wastes at time

of inspection. Soil material is being

removed from demolition area and

being stored. Five soil test pits

have been dug and are awaiting further excavation to

verify area as a Class III Demo Site. Overall facility

appears to be in good condition. Class III Demo Site

OVER DETAIL AREA.

DISPOSAL FACILITY 100524

NOVAE SANITARY LANDFILL

DATE 10/9/80

RECOMMENDATIONS:

(1) CONTINUE TO REMOVE EXISTING MATERIAL AND MAKE  
CHARGE STORAGE AREA AS NEARLY AS POSSIBLE.

(2) PUT UP ADDITIONAL LIGHT FENCE WHERE NEEDED  
AND PILE AREA WHICH REMAIN BLOWN C. - L.R.

(3) CONTINUE WITH PLACEMENT OF FINAL COVER MATERIAL  
WHERE NEEDED AND BRING COTTLE AREA UP TO  
GRADE AS SOON AS POSSIBLE.

(4) CONTINUE DOING FENCE LINE MEASURES WHERE  
NEEDED.

ORIGINAL  
(filed)

*John A. King* 10/9/80  
Department of Environmental Resources Representative

Operator

CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE

260424

(1)

SEPTEMBER 1980 INSPECTION

WEATHER:

Cloudy 50°F

NOVAKSANITARY LANDFILL REPORT

OCTOBER 28, 1980

PUBLIC ROADS:

Legislative Route 39042 muddy for approximately 200 feet east of the access road entrance. No litter of blowing refuse along public roads.

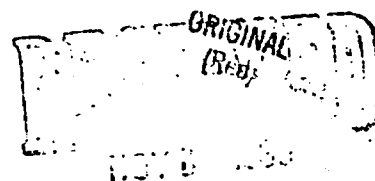
ACCESS ROADS:

Somewhat muddy but easily passable by all vehicles.

DISPOSAL AREAS:

Disposal operations have shifted from that area southeast of the landfill (that area at and around grid station 10+50W, 11+00S) to the vicinity of 15+00W, 11+00S due to wet weather. Garbage disposal operations will then shift towards the north in coming winter.

Observed compactor making repeated passes over refuse. Soil was also observed being added to the compacted refuse.



REG. REGIONAL OFFICE  
DEPT. \_\_\_\_\_

300425

(2)

TRENCH:

Soil being taken out of trench and being used for cover, as per approved plan. Trenches dry.

FENCES:

In satisfactory condition.

VEGETATED AREAS:

All trees and brush around perimeter of landfill clean.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site. Monthly exterminator hired for vermin control.

200426

(3)

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Maintain good soil cover over refuse. Side slopes of the trench should be reduced so they are no greater than 1:1.  
Fill in low spot at approximately 300 feet south of the access road entrance in main access road.

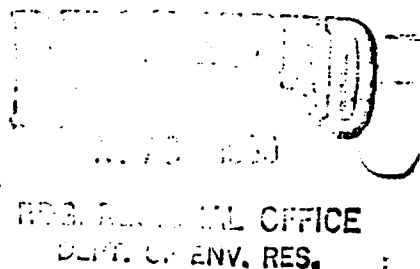
INSPECTED BY: *Sergeant [Signature]* DATE: October 28, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: *Charles A. Costello*

Charles A. Costello

cc: Novak Sanitary Landfill  
John S. Sims, Bureau of Solid Waste Management  
South Whitehall Township Manager



200427

100534

Bureau of Solid Waste Management  
Reading Regional Office  
Wernersville, Pennsylvania 19565  
AC(215)678-5657

November 13, 1980

Novak Landfill, Inc.  
R. D. 1  
Allentown, Pennsylvania 18104  
Attn. of Louis Novak, President

Gentlemen:

The Department of Environmental Resources has recently begun an evaluation of all known solid waste disposal facilities in the Commonwealth as part of a National program to upgrade or close all sites classified as open dumps within the next five years. This National program is based on Subtitle D, Section 4005 of the Resource Conservation and Recovery Act of 1976, and the Open Dump Criteria published in the Federal Register September 13, 1979 (Vol. 44, No. 179, Page 53438). Your site has been evaluated and found to be an open dump based on non-compliance with one or more of the following Criteria.

- |   |  |
|---|--|
| <input type="checkbox"/> Floodplains                | <input type="checkbox"/> Surface Water         |
| <input type="checkbox"/> Air                        | <input type="checkbox"/> Disease               |
| <input type="checkbox"/> Access                     | <input type="checkbox"/> Endangered Species    |
| <input type="checkbox"/> Ground Water*              | <input type="checkbox"/> Food-Chain            |
| <input checked="" type="checkbox"/> Explosive Gases | <input type="checkbox"/> Bird/Aircraft Hazards |
| <input type="checkbox"/> Fires                      |  |

\*For most sites, ground water has not been evaluated at the present time.

Those sites evaluated and found not to comply with the Criteria will be reported to the Environmental Protection Agency and published in the Open Dump Inventory as required by Section 4005 of RCRA. It is important to note that as a result of this evaluation the name of your facility will be published in the Federal Register in January 1981, as an Open Dump. In order to remove your name from the list you must

100-  
(R-4)

002216

200428

Novak Landfill, Inc.  
November 13, 1980  
Page 2

upgrade the facility and comply with all Criteria. This can be done in the form of a compliance schedule. Once you have corrected the violation(s) contained in the compliance schedule your site will be reevaluated, and if you meet all Criteria, the Department will advise EPA and request that your site be removed from the list and reclassified as a Sanitary Landfill.

The Department will contact you regarding this matter in the near future. If you have any questions prior to this time, please feel free to call the Regional Operations Chief, John H. Parsons, at the above-listed telephone number.

Sincerely,

Leon L. Kuchinski  
Regional Solid Waste Manager  
Reading Region

LLK:JHP:dh

bcc: Rdg. File  
Hbg. File

ORIGINAL  
(Red)

200429

180534  
(1)

Weather: Sunny 40°F

Date: November 20, 198

OCTOBER 1980 INSPECTION

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

Legislative Route 39042 and Township Road T-593  
basically clean.

ACCESS ROADS:

All in good condition.

DISPOSAL AREAS:

Disposal operations presently going on the  
vicinity of 15+00W, 11+00S and will shift  
towards the north in coming months.  
Compaction processes observed and adequate  
daily soil cover applied over the refuse is  
commendable.

RECEIVED

NOV 23 1980

200430

RDG. REGIONAL OFFICE

DEPT. OF ENV. RES.

TRENCH:

Trenches dry.

FENCES:

In satisfactory condition.

VEGETATED AREAS:

Free of litter, in good shape.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

RECEIVED

NOV 23 1960

REG. REGIONAL OFFICE  
DIV. OF ENV. RES.

ORIGINAL  
(Red)

20043

(3)

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.  
A series of backhoe tests were taken on the future demolition dumping area. No bedrock at a depth of 200 inches or less for 5 backhoe tests.

INSPECTED BY:

*Royce L. ...*

DATE: November 20, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*Charles A. Costello*

Charles A. Costello

cc: Novak Sanitary Landfill  
John S. Sims  
South Whitehall Township Manager

RECEIVED  
OLIVIA  
(Red)

200432

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>12/4/80</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOVAK SANITARY LANDFILL</b>		FACILITY ADDRESS <b>RD #1 ALLENTOWN PA.</b>
MUNICIPALITY <b>SOUTH WHITEHALL TOWNSHIP</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK SR. RD #1 ALLENTOWN PA.</b>		
DAILY VOLUME RECEIVED <b>125 TON/DAY</b>	ANNUAL REPORT RECEIVED <b>YES</b>	DAYS PER WEEK OPERATED <b>5.5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(e)	25' setback line buffer zone present	✓		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
29 75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks			

200433 ✓

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

CHAPTER CITATION		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		
			1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized		
45	75.24(c)(2)(x)	Approved subbase being utilized	✓	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓	
47	75.25(h)	Lined site, under drains operable	✓	
48	75.25(i)	Are liners in place and covered with protective earth	✓	
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	✓	
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	✓	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	✓	
54	75.26(f)	Regulation ban on open burning adhered to	✓	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓	
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓	
	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓	
	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓	
	75.26(j), (k)	Blowing litter controlled	✓	
	75.26(c)	Provision for standby equipment available when needed	✓	
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	✓	
	Chapter 101(9)(e)(2)	Is bonding status correct	✓	

ORIGINAL  
(Red)

000434

WINDY, DRY

FACILITY OPEN AND OPERATING AT TIME OF INSPECTION. BACKHILL PITS HAVE BEEN DUG IN DEMOLITION AREA. OVERALL SITE APPEARS TO BE IN FAIRLY GOOD CONDITION.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

DISPOSAL FACILITY 100534  
MOORE SANITARY LANDFILL  
DATE 12/4/80

CITATION:

(56.) A SIX INCH LAYER OF COMPACTED SOIL MUST BE PLACED OVER ALL WASTES AT THE END OF EACH WORKING DAY. PORTIONS OF CURRENT REFUSE AND DISCARDED DUMPING AREAS CONTAINED PREVIOUS DAYS WASTES WHICH STILL REQUIRE COVER MATERIAL

RECOMMENDATIONS AND SUGGESTIONS:

- ① PICK UP OR COVER ANY BLOWN LITTER.
- ② CONTINUE REMOVING SALVAGED MATERIAL.
- ③ PLAN FOR REVEGETATION OF DISTURBED AREAS IN SPRING

REMEMBER:

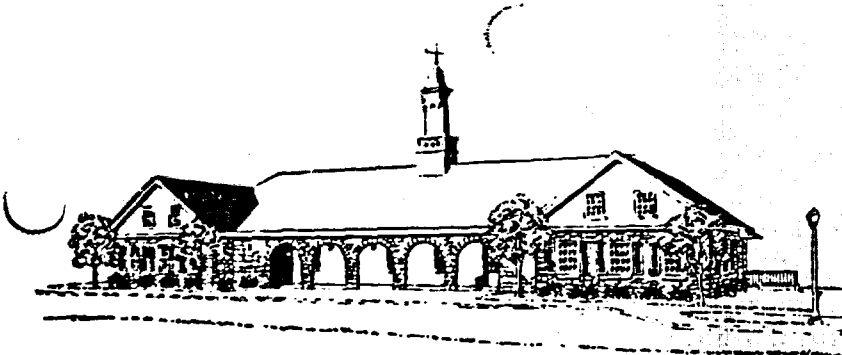
QUARTERLY GROUND WATER MONITORING REPORT  
DUE ON OR BEFORE JANUARY 1.

John J. Davis 12/4/80  
Department of Environmental Resources Representative

Louis J. Novak  
Operator

CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE

2004



## South Whitehall Township

4444 WALBERT AVENUE, ALLENTOWN, PA. 18104  
TEL. (A.C. 215) - 398-0401

### BOARD OF COMMISSIONERS

Donald W. Snyder, President \* Elwood M. Bernhard, Vice President \*  
Robert E. Beam \* William T. Ott \* Charles E. Mackenzie

December 5, 1980

Mr. John S. Sims  
Department of Environmental Resources  
Solid Waste Management  
Wernersville, PA. 19565

Dear Mr. Sims:

As mentioned in our recent telephone conversation, the Pollution and Environmental Control Board of South Whitehall Township is requesting that you attend their next meeting. It is the Board's intention to discuss Novak's Landfill at this time and your input would be greatly appreciated. Their next meeting is to be held on January 6, 1981, at 7:30 P.M. If unable to attend at this time, please contact me so that an alternate date can be chosen.

Sincerely yours,

RSR: aek

Richard S. Ransel  
Code Enforcement Officer

cc: Mr. Hein

200436

RECEIVED

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

Bureau of Solid Waste Management  
Reading Regional Office  
Wernersville, Pennsylvania 19565  
AC(215)678-6312

December 5, 1980

Mr. Bobby L. Smith  
P. O. Box 2027  
Tyler, Texas 75710

Dear Mr. Smith:

Four applications for permit for Industrial Waste Disposal at Permitted Sites Module No. 1 for disposal of slag, shell cases, etc., generated at Tyler Pipe, P. O. Box 35, Macungie, PA, have been received and are undergoing review for completeness.

As soon as the review process is completed, we will send you our reply.

Sincerely,

Ronald F. Klinikowski  
Solid Waste Facilities Supervisor  
Reading Region

RFK:vd  
bcc: ~~Adg.~~ file (2) 100534  
Chron.

300437

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

PERMIT NUMBER OF PROPOSED  
DISPOSAL SITE

DATE PREPARED

INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES  
MODULE NO. 1

--	--	--	--	--	--

A. DISPOSAL SITE INFORMATION:

1. Facility Name: Novak Sanitary Landfill, Inc.
2. Facility Location: South Whitehall Township (Lehigh County)
3. Facility Owner: Louis J. Novak
4. Facility Mailing Address: R. D. #1, Allentown, PA 18104
5. Facility Manager: Louis J. Novak Telephone No. (215) 395-6251
6. Facility Contact: Louis J. Novak Telephone No. (215) 395-6251  
(person responsible for providing data for this survey)
7. Does the facility discharge industrial wastes to a municipal sewer system? Yes ☒ No  
If yes, name of system \_\_\_\_\_
8. Does the site have a leachate treatment facility? Yes ☒ No  
If yes, attach discharge standards. \_\_\_\_\_
9. If the site is a landfill, attach last monitoring analysis. If last analysis is more than three (3) months prior, attach a current analysis to this module.

B. DESCRIPTION OF SPECIFIC WASTE:

1. Company origin of waste (name and address): Tyler Pipe Division, P. O. Box 35,  
Macungie, PA 18062  
Company Contact: Tom Brungard Telephone No. (215) 966-3491
2. Treatment: Is waste conditioned prior to disposal? No How? NA
3. Disposal: Present Method Landfill
4. Provide and attach special characteristics of this waste which determine the method of disposal include chemical analysis, physical description, percent of water and leaching analysis relative to disposal proposal. Provide the date of all data submitted.
5. What difficulties do disposal of this waste presently present? None
6. What difficulties are anticipated for the disposal of this waste in the future? None

200438

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

PERMIT NUMBER OF PROPOSED  
DISPOSAL SITE

DATE PREPARED

INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES  
MODULE NO. 1

--	--	--	--	--	--

7. What other processes can be used effectively? Unknown
8. Average Daily Volume 27.7 yards cubed
9. Annual Volume 5,540 yards cubed
10. What process generated this waste? (Describe) Cupola melting operations

TABLE A - WASTE DESCRIPTIONS

11. CHECK APPROPRIATE CATEGORY

- ☐ A-1 Concentrated sulfuric acid solutions with heavy metal
- ☐ A-2 Concentrated mixed acids with heavy metals
- ☐ A-3 Dilute acid solutions containing hexavalent chromium and/or other oxidants
- ☐ A-4 Dilute acid solutions containing heavy metals but no hexavalent chromium or ammonia
- ☐ A-5 Dilute acid solutions containing heavy metals and ammonium salts
- ☐ A-6 Acidic nitrate solutions containing heavy metals
- ☐ A-7 Acidic wastes with hazardous metals except  $\text{Cr}^{+6}$
- ☐ B-1 Alkaline solutions containing cyanides
- ☐ B-2 Alkaline solutions containing sulfides
- ☐ B-3 Concentrated alkaline solutions containing no sulfide nor cyanide
- ☐ B-4 Miscellaneous alkaline solutions containing contaminants other than hazardous metals
- ☐ B-5 Alkaline solutions containing hazardous metals
- ☐ C-1 Combustible organic sludges, solids and liquids
- ☐ C-2 Sludges, slurries and solids containing cyanides
- ☐ C-3 Sludges, slurries and solids containing hexavalent chromium
- ☐ C-4 Inorganic sludges, slurries, solids containing no hexavalent chromium nor cyanide
- ☐ C-5 Wastewater contaminated with high concentrations of organic substances
- ☐ C-6 Organic contaminated solids
- ☒ C-7 Other (describe) Solid waste - core butts, cupola bottoms, burnt sand, slag; grinder and miller

12. Physical State At Ambient Temperature:

- ☒ Solid and non-pumpable liquid - solid mixtures
- ☐ Liquid and pumpable liquid - solid mixtures

206439

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

PERMIT NUMBER OF PROPOSED  
DISPOSAL SITE

--	--	--	--	--	--

DATE PREPARED

INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES  
MODULE NO. 1

13. *Primary Characteristic*

Inorganic

- ☐ Acid
- ☐ Alkaline
- ☐ Cyanide
- ☐ Filter Aids & Clays
- ☐ Heavy Metal
- ☐ \*WWT Sludge
- ☐ Pesticides
- ☐ Catalyst
- ☒ Other, describe  
Sand, ash, clay and  
slag (see attached  
analysis)

Organic

- ☐ Oil & Oily Sludge
- ☐ Paint & Pigment Residue
- ☐ Plastic, Pasticizers, Resins,  
Elastomer Residues
- ☐ Solvent
- ☐ \*WWT Sludge
- ☐ Pesticides
- ☐ Still Bottoms, Heavy Residue
- ☐ Pharmaceutical Waste
- ☐ Other, describe

*Secondary Characteristic*

- ☐ Heavy Metals
- ☐ Other Metals
- ☐ Sulfides
- ☐ Hexavalent Chromium
- ☐ Organic
- ☐ Halogenated
- ☐ Sulfonated
- ☐ Inorganic
- ☒ Other, describe  
Arsenic, chromium, copper,  
lead and phenols were at  
detectable level (see  
attached analysis).

14. *Hazards*

- |  |   |
|--|---|
| <input type="checkbox"/> Toxic Substance       | <input type="checkbox"/> Poison                                   |
| <input type="checkbox"/> Skin Irritant         | <input type="checkbox"/> Explosive                                |
| <input type="checkbox"/> Respiratory Irritant  | <input type="checkbox"/> Carcinogen                               |
| <input type="checkbox"/> Corrosive to Steel    | <input type="checkbox"/> Reactive, acid                           |
| <input type="checkbox"/> Corrosive to Concrete | <input type="checkbox"/> Reactive, water                          |
| <input type="checkbox"/> Corrosive, other      | <input type="checkbox"/> Reactive, other                          |
| <input type="checkbox"/> Flammable             | <input checked="" type="checkbox"/> Other, describe non-hazardous |
| <input type="checkbox"/> Cyanogen              |   |

C. *DISPOSAL METHOD:* (describe applicable items)

Type of disposal (i.e., landfill, lagoon, pond, etc.). Landfill (see attached permit)

DESIGN SPECIFICATIONS.

1. Liner type (i.e., concrete, asphalt, clay, etc.) and thickness. N/A

2. Leachate collection and treatment capability at site for waste to be disposed of. (Describe) 200440

N/A

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

PERMIT NUMBER OF PROPOSED  
DISPOSAL SITE

DATE PREPARED

INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES  
MODULE NO. 1

--	--	--	--	--	--

3. Methods of burial (i.e., mixing hazardous waste with other wastes, containerization, etc.)

No apparent problems in mixing with other wastes.

4. Identify and describe method of transportation of the waste the site. By truck

D. **ENVIRONMENTAL ASSESSMENT OF DISPOSAL:** State briefly the anticipated impact of disposal at the site and provide the data or substantiation for the stated conclusions.

Chemical analysis of this material does not indicate any undesirable conditions to be created at disposal site. This material is basically natural sand with some clays. See attached chemical analysis.

E. **ENGINEER-**

1. Name Arthur H. Bortz, P.E.  
Spotts, Stevens and McCoy, Inc.  
2. Address P. O. Box 6307  
Wyomissing, PA 19610

3. Registration Number 7881-E

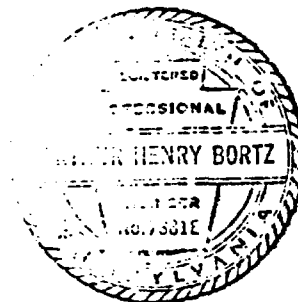
4. Signature Arthur H. Bortz

5. Seal of Registered Professional Engineer

Telephone Number & Area Code:

AC(215) 376-6581

5. Seal of Registered Professional Engineer



SEAL

200441

## INDUSTRIAL WASTE DISPOSAL AT PERMITTED SITES

### MODULE NO. 1

1. Describe in detail on a separate sheet the manufacturing process(es) generating the waste(s) and list the raw materials as well as intermediates and final products contained in each waste.
2. Include an analysis of the waste itself and a leachate analyses of the waste. The analyses must contain but need not be limited to the following parameters unless the applicant has specific knowledge of the absence of any of these parameters:

Percent Solids  
pH  
Chemical Oxygen Demand  
Total Organic Carbon  
Oil/Grease  
Total Dissolved Solids  
Total Volatile Solids  
Specific Conductance  
Ammonia-Nitrogen  
Phenol  
Cyanide

Arsenic  
Cadmium  
Copper  
Chromium  
Lead  
Mercury  
Molybdenum  
Nickel  
Selenium  
Silver

If codisposal with municipal refuse is proposed, use ASTM Method B or EPA's extraction procedure for leaching the waste. Otherwise, use ASTM Method A. Use appropriate Standard Methods of Analysis or EPA's methods for the chemical analyses.

For the analysis of the waste itself, use a nitric acid digestion for extraction of the metals. An organic analysis may be required if the waste contains appreciable amounts of organics.

200442

Bureau of Solid Waste Management  
Reading Regional Office  
Wernersville, Pennsylvania 19565  
AC(215)678-6312

December 16, 1980

Tyler Pipe  
P. O. Box 35  
Macungie, Pennsylvania 18062

Attn. of Mr. Bobby L. Smith  
Technical Services Manager

Gentlemen:

Your application for Industrial Waste Disposal at Permitted Sites Module No. 1 for slag produced in a cupola melting operation and disposal at the Novak Sanitary Landfill, Inc., South Whitehall Township, Lehigh County, has been reviewed and found to be incomplete in the following areas:

1. All chemical analyses must be submitted on the original forms, or Xerox forms, as received from the laboratory with the signature of the chemist.
2. Not all of the analyses required were submitted to this office. Why were some of the analyses omitted.
3. A number of parameters were listed as not detected. What cut-off point was used for these parameters.
4. Explain the causes for increase in:
  - a. nickle concentrations in the burnt resin sand leachate;
  - b. cadmium and copper concentrations in the shell core butts leachate;
  - c. nickle in the cupola bottom drop leachate;
  - d. cadmium concentration in the cupola lining leachate.
5. Chemical composition and percentage of organic binder used in the shell core butts.

200443

Tyler Pipe  
Page 2  
December 16, 1980

Feel free to contact this office if there are any questions  
regarding this letter.

Sincerely,

Ronald F. Klinkowski  
Solid Waste Facilities Supervisor  
Reading Region

RFK:vd  
bcc: Rdg. file (2) - 100000  
Hbg. office  
Chron.

200444

VICTOR M. FREY, P.E.

CIVIL ENGINEER

SURVEYOR

BOX 508 - ROUTE 2 - OREFIELD, PA. 18069 - A. C. 213 395-0874

DATE: December 26, 1980

Mr. Richard S. Ransel

South Whitehall Township

4444 Walbert Avenue

Allentown, Penna. 18104

RE: Pheasant Hill Estates - South Whitehall Township

GENTLEMEN:

ENCLOSED PLEASE FIND:

1 copy of the Soil Erosion and Sedimentation Control Plan

for submission to Pa. Dept. of Environmental Resources.

Ref: Sanitary Landfill

As requested.

VERY TRULY YOURS,

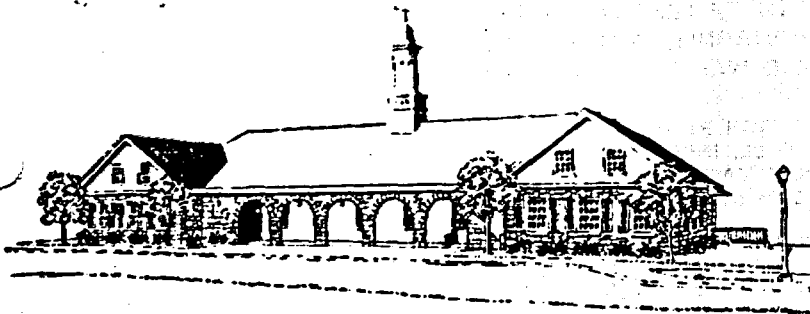
V. M. Frey  
VICTOR M. FREY

RECEIVED

JAN 3 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES. (11/11)

200,445



## South Whitehall Township

4444 WALBERT AVENUE, ALLENTOWN, PA. 18104  
TEL. (A.C. 215) - 398-0401

### BOARD OF COMMISSIONERS

Donald W. Snyder, President \* Elwood M. Bernhard, Vice President \*  
Robert E. Beam \* William T. Ott \* Charles E. Mackenzie

December 31, 1980

Mr. Darryl Fritz  
Dept. of Environmental Resources  
Bureau of Solid Waste Management  
Wernersville, PA. 19565

Dear Mr. Fritz:

Please find enclosed one (1) copy of the Soil Erosion and Sedimentation Control Plan of the Pheasant Hills Estates subdivision in South Whitehall Township. As mentioned in our conversation, the drainage plan for this subdivision indicates that storm water from this land is to be drained onto the property of Novak's landfill.

Please review this plan and submit your comments to the Department of Community Development of South Whitehall Township. The Township is not only concerned with the impact of this proposal at the present time but also as the landfill is brought up to final grade. So please consider this in your review. The Township would like to have these comments available to the Planning Commission prior to their meeting which is to be held on January 19, 1981. Also please forward your comments to Mr. Victor M. Frey, P.E., representative for the subdivision.

Sincerely yours,

RSR:aek

Richard S. Ransel

cc: Subdivision File  
R. De Lorenzo

Victor M. Frey, Box 508, Rte. 2, Orefield, PA. 18069

RECEIVED

260446 JAN 5 1981

REG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>1/21/81</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOUAK SANITARY LANDFILL</b>	FACILITY ADDRESS <b>RD #1 ALLENTOWN, PA.</b>	
MUNICIPALITY <b>SOUTH WHITEHALL TWP.</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOUAK SR. RD #1 ALLENTOWN PA.</b>		
DAILY VOLUME RECEIVED <b>175-200 T/D</b>	ANNUAL REPORT RECEIVED <b>YES</b>	DAYS PER WEEK OPERATED <b>5.5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
29 75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		

200447

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(iii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
5 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			✓
6 Chapter 101(9)(e)(2)	Is bonding status correct			✓

206448

(1)

534  
December 13, 1980

November 1980 Inspection  
NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 clean.

ACCESS ROADS: Main access road somewhat moist but easily passable by all vehicles.

DISPOSAL AREAS: All disposal areas dry and generally in good condition. Continue to make sure soil is applied over the refuse to minimize flies and other vectors. Observed soil being placed over the refuse and compactor making repeated passes over the refuse.

ORIGINAL  
(Red)  
**RECEIVED**

JAN 5 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENVIRONMENT  
206449

TRENCH: Trenches dry.

FENCES: In satisfactory condition!

VEGETATED AREAS: Small amount of litter in trees and bank southeast of landfill due to strong wind.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence there of observed. No rodents observed on site.

RECEIVED

JAN 5 1981

R.D.G. REGIONAL OFFICE  
DEPT. OF ENV. RES.

266450

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS: Clean trees and brush of blowing litter. .  
Adequate daily soil cover applied over the refuse  
is recommendable. Fill in low spot at approximately 300  
feet south of the access road entrance in main access  
road.

ORIGINAL  
(Red)

INSPECTED BY: Nguyen-Mia Lam DATE: Dec. 13, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: Charles A. Costello

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

RECEIVED  
DEC 15 1980  
OFFICE  
260450

WEATHER: 1. COOL, CLEAR  
MURKY, 2-4 INCH SNOW  
OVER, CALM

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

FACILITY OPEN AND  
OPERATING AT TIME OF INSPECTION.

WASTES ARE BEING DEPOSITED IN  
THE SOUTH EASTERN AREA OF SITE.

OVER ALL FACILITY APPEARS TO BE IN FAIRLY GOOD SHAPE.

DISPOSAL FACILITY 100534

NOVAK SANITARY LANDFILL

DATE 1/21/81

RECOMMENDATIONS AND SUGGESTIONS:

- (1) CONTINUE TO ORGANIZE SAVVAGE AREAS.
- (2) PLAN TO START TO REVEGETATE DISTURBED AREA DURING SPRING SEASON.
- (3) CONTINUE TO PLACE A GOOD SOIL LAYER OVER WASTE DAILY.
- (4) CONTINUE REMOVING ~~OFF~~ BALED CARDBOARD.

ORIGINAL  
(Red)

John A. Linn 1/21/81

Department of Environmental Resources Representative

Lucas Monte

Operator

(2)

Weather: Sunny 45°F

DECEMBER 1980 INSPECTION

Date: January 27, 1981

NOVAK

SANITARY LANDFILL REPORT

PUBLIC ROADS:

Legislative Route 39042 and Township Road T-593 basically clean.

ACCESS ROADS:

Somewhat muddy but easily passable by all vehicles.

DISPOSAL AREAS:

Disposal operations presently going on the vicinity of 14+00W, 10+00S.

Work will progress in this area until surface of fill reaches grade.

All disposal areas dry and generally in good condition.

Un-suit  
(Red)

RECEIVED

FEB 2 1981

200453

RDG. REGIONAL  
DEPT. OF ENV. RES.

DITCHES:

Trenches dry.

FENCES:

Fences are in good condition.

VEGETATED AREAS: Small amount of litter in trees.

VECTOR &  
INCINERATION:

No rodents observed on site.

No smouldering or burning refuse.

ORIGINAL  
(Red)

RECEIVED  
FEB 1961

100454

REG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

SANITARY LANDFILL REPORTCOMMENTS:

Clean trees and brush of blowing litter.

Continue to apply adequate cover to refuse  
as it is unloaded to minimize blowing litter.

Regrade main access road.

INSPECTED BY:

*Charles A. Costello*

DATE:

January 27, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*Charles A. Costello*

Charles A. Costello

CC: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

200455

REC. REGIONAL OFFICE  
DEPT. OF ENV. RES.

P. O. Box 2027  
Tyler, Texas 75710, Te 214/882-5511

**Tyler Pipe**

Subsidiary of  
Tyler Corporation

January 27, 1981

Ronald F. Klinikowski  
Solid Waste Facility Supervisor  
Department of Environmental Resources  
Bureau of Solid Waste Management  
Wernersville, PA 19565

Dear Mr. Klinikowski:

The solid waste produced at the East Penn Foundry and identified as the "Grinder and Resin Sand Muller Waste" was analyzed in our laboratory using the appropriate EPA methods for chemical analysis.

The analysis of the Solid Waste itself was by nitric acid digestion for extraction of the metals.

Sincerely yours,

  
Bobby L. Smith  
Technical Services Manager

BS/nm

Enclosure  
Attachment B.4.

cc: T. Stewart  
T. Brungard

200456

# ATTACHMENT

B. 4.

## EAST PENN SOLID WASTE

## NITRIC ACID DIGESTION

1. Grinder and resin sand muller waste  
Sample date: 8-18-80 Analysis completed 10-24-80

	<u>Solid</u>	<u>Leachate</u>
pH	7.81	N/A
% Solids	72.88	N/A
% Vol. Solids	6.20	N/A
Arsenic	0.1	N/D
Lead	N/D	N/D
Nickel	0.77	0.30
Copper	3.0	N/D
Cadmium	0.12	N/D
Silver	N/D	N/D
Chromium	0.90	N/D
Molybdenum	N/D	N/D
Ammonia-Nitrogen	15.9	N/A
Specific Conductance	N/A	270.0
Phenol		N/D

Values are Mg/L except % Solids and pH.

N/A - Not Applicable

N/D - Not Detected

200457

# LABORATORY ANALYSIS REPORT



LLI Sample No TL 124781

Date Reported 1/12/81  
Date Submitted 12/23/80  
P. O. No. Leonard J. Wet

Spotts Stevens & McCoy Inc.

Tyler Pipe wastes Attn: Len Weckel  
Samples collected 12/23/80 by LW/PG

ANALYSIS	AS RECEIVED		LAB CODE
Ammonia Nitrogen	1.9	mg/l	221-24-00
Arsenic	< 0.004	mg/l 5	245-54-01
Barium	1.0	mg/l 100	246-54-01
Cadmium	< 0.005	mg/l 1	247-54-01
Chromium	< 0.05	mg/l 5	251-54-01
Copper	< 0.05	mg/l	252-54-01
Lead	< 0.05	mg/l 5	253-54-01
Mercury	< 0.001	mg/l .2	259-40-02
Molybdenum	< 0.1	mg/l	260-54-01
Nickel	< 0.05	mg/l	261-54-01
Selenium	< 0.004	mg/l 1	264-54-02
Silver	0.03	mg/l 5	266-54-01

The above analyses were performed on the EP toxicity leachate prepared from LLI Sample No. 124782 according to Federal Register May 17 1980 p.33127.

## Leachate Preparation:

175.3 grams of composite foundry waste 2025 ml distilled water  
Controlling the leachate pH at 5.0 as prescribed entailed the  
addition of a total of 87.3 ml 0.5 N acetic acid. The leachate  
was filtered after 24 hours agitation and an additional 215 ml  
distilled water was added to bring total volume to 20 times initial  
sample mass.

The above analyses indicate that the submitted solid waste sample does not exhibit the characteristic of EP Toxicity as defined in Section 261.2 Federal Register 1980 . p. 33122.

Comp Prep 125.00

200458

INV TD- Spotts Stevens & McCoy, Inc 275.1 - 154 Respectfully submitted

Lancaster Laboratories, Inc.



MAIN LABORATORY:  
2425 New Holland Pike, Lancaster, Pa. 17601 • (717) 656-2301  
FRANKLIN DIVISION:  
P.O. Box 467-3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127

*Robert F. Bueh*

Robert F. Bueh, M.S., M.P.  
Water Quality Program

## LABORATORY ANALYSIS REPORT



LLI Sample No. G 124722

Date Reported 1/1/81

Date Submitted 12/23/80

P. O. No. Leonard J. We

Spotts Stevens &amp; McCoy Inc.

Tyler pipe foundry wastes Attn: Len Weckel

Samples collected 12/23/80 by LW/PG

ANALYSIS	AS RECEIVED		LAB CODE
Arsenic	1.82	ppm	145-54-02
Cadmium	< 0.1	ppm	149-54-01
Chromium	24.	ppm	151-54-01
Copper	40.4	ppm	153-54-01
Lead	62.5	ppm	155-54-01
Mercury	< 0.05	ppm	159-54-02
Molybdenum	< 10.	ppm	160-54-01
Nickel	< 5.	ppm	161-54-01
Selenium (Fluorimetric)	< 0.5	ppm	164-54-02
Silver	< 2.	ppm	165-54-01
pH	11.47		200-24-00
Oil (Soxhlet Ext.)	0.11	%	236-23-01
Total Organic Carbon	0.164	% by wt.	999-20-02
Phenolics	2.38	ppm	999-27-01
Ammonia Nitrogen	25.0	ppm	999-21-01
Total Cyanide	.39	ppm	999-23-02

THE above analyses were performed on a composite of four foundry waste submitted by Len Weckel. The composite was prepared by LLI as follows:

Core butts	10% by volume	collected 12/23/80	1200 by LW/PG
Cupola bottom	10% by volume	collected 12/23/80	1200 by LW/PG
Burnt sand	40% by volume	collected 12/23/80	1200 by LW/PG
Slag	40% by volume	collected 12/23/80	1200 by LW/PG

The pH was performed on a 5 % solution.

Grinder and Resin Trace Amount

Sand Muller

Waste

See attached analysis sheet

Samp Prep 10.00

200459

INV TO- Spotts Stevens & McCoy Inc 265.00 154 Respectfully submitted  
Lancaster Laboratories, Inc.



MAIN LABORATORY  
2425 New Holland Pike, Lancaster, Pa. 17601 • (717) 656-2301

FRANKLIN DIVISION:  
P.O. Box 467, 3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127

J. Wilson Hershey  
J. Wilson Hershey B.A., Mgr.  
Instrumental Analysis Dept.

## LABORATORY ANALYSIS REPORT



LLI Sample No WW 125039

Spotts Stevens &amp; McCoy Inc.

Date Reported 1/29/8

Date Submitted 12/30/8

P. O. No. Leonard J. We

ASTM A Leachate of LLI 124782 Attn: L. Weckel

ANALYSIS	AS RECEIVED		LAB CODE
pH	11.49		200-20-0
Total Solids	275.	mg/l	203-24-0
Total Fixed Solids	230.	mg/l	204-24-0
Total Volatile Solids	45.	mg/l	205-24-0
Oil & Grease	< 5.	mg/l	231-24-0
Phenolics	0.143	mg/l	233-24-0
Chemical Oxygen Demand	27.	mg/l	234-23-0
Cyanide (Total)	< 0.005	mg/l	242-23-0
Total Organic Carbon	10.8	mg/l	273-20-0
Specific Conductance	719.	umhos/cm25	280-24-0

The above analyses were performed on a leachate of LLI 124782 prepared according to ASTM Procedure A. 500 grams composite sample / 2 liters distilled water. This leachate was used for the above analyses since the EP and ASTM B leachate procedures cause uncalculable or unmanageably large background. The total solids and total dissolved solids are identical in that the leachate is filtered through 0.45 micron membrane filters after preparation.

RECEIVED  
JAN 12 1981

SPOTTS, STEVENS  
and McCOY, Inc.

Samp Prep 25.00

200460

INV TO- Spotts Stevens & McCoy Inc 147.00 154 Respectfully submitted  
Lancaster Laboratories, Inc



MAIN LABORATORY:  
2425 New Holland Pike, Lancaster, Pa. 17601 • (717) 656-2301

FRANKLIN DIVISION:  
P.O. Box 467, 3 Barnett Ave., Waynesboro, Pa. 17268 • (717) 762-9127

*Robert F. Beisel*  
Robert F. Beisel, M.A., N.E.  
Water Quality Program

(1)

Weather: Sunny 40°F

JANUARY 1981 INSPECTION

Date: February 26, 1981

NOVAKSANITARY LANDFILL REPORT

PUBLIC ROADS: Legislative Route 39042 muddy for approximately 100 feet east of the access road entrance. No litter of blowing refuse along public roads.

ACCESS ROADS: Main access road muddy due to low spots and recent rainy period.

DISPOSAL AREAS: All disposal areas dry and in good condition. Refuse spread over large areas in 2-3 feet layers, covered with soil, mixed and compacted. Work will progress north until surface of fill reaches grade. West, southwest and northwest sections not disturbed.

ORIGINAL  
(Red)

200461

RECEIVED

MAR 2 1981

REG. REGIONAL OFF  
DEPT. OF ENV. RES.

TRENCH:

Some water in trenches.

FENCES:

In satisfactory condition.

VEGETATED AREAS:

Small amount of litter in trees and bank southeast of landfill due to strong wind.

VECTOR &  
INCINERATION:

No smouldering or burning refuse on site.  
No rodents observed on landfill.

ORIGINAL  
(Red)

000462

NOVAK

SANITARY LANDFILL REPORT

COMMENTS: Cover refuse with soil daily and thoroughly compact.  
Clean blowing litter from trees and brush.  
Regrade main access road.  
Pump water out of trenches as much as possible.

INSPECTED BY: *J. J. J. J.* DATE: February 26, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: *Charles A. Costello*

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

ORIGINAL  
(100)

380 463

(1)

Weather: Sunny 40°F  
Date: February 23,

JANUARY 1981 INSPECTION

NOVAK

SANITARY LANDFILL REPORT

TRUNK ROADS: Legislative Route 3904 and Township Road T-593  
basically clean.

ACCESS ROADS: Dry, compact and in good condition. Low spots  
in main access road should be filled to improve  
the condition of the access road when raining.

DISPOSAL AREAS: All disposal areas dry and generally in good  
condition. Continue to make sure soil is applied  
over the refuse to minimize flies and other vectors.

ORIGINAL  
(Red)

RECEIVED

APR 3 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES. 200464

TRENCH: Some water in trenches.

FENCES: Fences are in good condition.

VEGETATED AREAS: Small amount of litter in trees.

VECTOR &  
INCINERATION: No smouldering or burning refuse on site.  
No rodents observed on landfill.

RECEIVED  
APR 5 1981

REG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200465

(3)

NOVAK

SANITARY LANDFILL REPORT

COMMENTS: Pump water out of trenches as much as possible.  
Regrade main access road.  
Clean blowing litter from trees and brush.  
Area at and around grid station 14+00 W, 11+00 S  
should be checked to final grade.

INSPECTED BY: *[Signature]* DATE: March 21, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: *C. A. Costello*

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

800466

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>3/4/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOVAK SANITARY LANDFILL</b>	FACILITY ADDRESS <b>RD #1 ALLENTOWN PA.</b>	
MUNICIPALITY <b>SOUTH WHITEHALL TOWNSHIP</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK SR. RD #1 ALLENTOWN, PA.</b>		
DAILY VOLUME RECEIVED <b>250-300 T/D</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5/5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
29 75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	✓		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(iii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iii)	Fire breaks	✓		

200467

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(iii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	✓		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			✓
Chapter 101(9)(e)(2)	Is bonding status correct			✓

ORIGINAL

(Rec)

200468

WEATHER: COLD, CLOUDY  
LIGHT WIND,

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

FACILITY OPEN AND  
ACCEPTING WASTES AT TIME  
OF INSPECTION, DEPOSITION IS OCCURRING  
IN THE SOUTH CENTRAL SECTION.

DISPOSAL FACILITY 100534  
NUOAL SANITARY LANDFILL  
DATE 2/4/81

RECOMMENDATIONS AND SUGGESTIONS:

- ① ENSURE THAT ALL WASTES ARE COMPLETELY COVERED  
WITH A UNIFORM SIX INCH LAYER OF SOIL MATERIAL.
- ② HAVE WOODS AND SURROUNDING AREAS POLLED FOR  
BLOWN LITTER.
- ③ CONTINUE REMOVING SALVAGED MATERIAL,

REMINDER:

QUARTERLY GROUND WATER ANALYSIS REPORT DUE  
ON OR BEFORE APRIL 1.

ORIGINAL  
(Red)

John A. Xena 2/4/81  
Department of Environmental Resources Representative

James J. Novak  
Operator

Leading Regional Office  
Ebensville, Pennsylvania 15505  
215 678-3657

March 5, 1981

Tyler Pipe Division  
P. O. Box 35  
Macungie, Pennsylvania 18062

Attention: Mr. Tom Brongard

Gentlemen:

Your application for Industrial Waste Disposal at Permitted Sites, Module No. 1 for disposal of core bits, cupola bottoms, turn sand and slag wastes generated by Tyler Pipe Division, P. O. Box 35, Macungie, PA has been reviewed.

The application is approved for disposal at Texas Sanitary Landfill, Inc., South Mitchell Township, Lehigh County, with the stipulation that this approval is contingent upon the landfill's acceptance of the material.

If you have any questions, please do not hesitate to contact this office.

Sincerely,

Ronald T. Klimkowski  
Facilities Supervisor

RFK:fh

cc: John J. Gransky, P.E.  
Spotts, Stevens and McCoy, Inc.

By file 100734

200470

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone: 215/678-5657

March 12, 1981

Re: Novak Sanitary Landfill Inc.  
Permit No. 100534

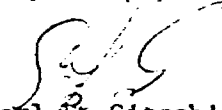
Louis J. Novak  
R. D. #1  
Allentown, PA

Gentlemen:

The Bureau of Solid Waste Management is maintaining an active inventory of all solid waste processing or disposal facilities. The enclosed form is to be completed as described in the accompanying directions and is to be forwarded to the Bureau of Solid Waste Management, Reading Regional Office, Wernersville, Pennsylvania, 19565, on a monthly basis hereafter. This information is necessary to develop a functional Solid Waste Management plan throughout this five (5) county region.

If you have any difficulty or require assistance in completing the data sheet enclosed, feel free to contact Bureau personnel at Area Code 215/678-5657, following the enclosed instructions.

Very truly yours,

  
Carl P. Gitschier  
Solid Waste Specialist  
Bureau of Solid Waste Management

CFG:mg  
Enclosure

ORIGINAL  
(Red)

200471

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>3/26/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>184-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOUAK SANITARY LANDFILL</b>	FACILITY ADDRESS <b>RD #1 ALL-NTOWN Pk</b>	
MUNICIPALITY <b>SOUTH WHITENALL TOWNSHIP</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOUAK SR. RD #1 ALL-NTOWN Pk</b>		
DAILY VOLUME RECEIVED <b>250-300 TON/DAY</b>	ANNUAL REPORT RECEIVED <b>Due July 1</b>	DAYS PER WEEK OPERATED <b>5.5</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations		✓	
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			✓
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			✓
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(iii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	✓		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		

**200472**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	✓		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized	✓		
46 75.24(c)(2)(xvii), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	✓		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	✓		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		✓	
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	✓		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	✓		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	✓		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled		✓	
64 75.26(c)	Provision for standby equipment available when needed	✓		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			✓
66 Chapter 101(9)(e)(2)	Is bonding status correct			✓

ORIGINAL  
(Red)

200473

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

WEATHER: SUNNY, WINDY  
WIND: 15/20

FACILITY OPEN AND ACCEPTING  
WASTES AT TIME OF INSPECTION.  
DEPOSITION IS OCCURRING IN THE SOUTHEAST  
PORTION OF THE SITE. OPERATORS ARE SPREADING  
AND COMPACTING INCOMING WASTES.

DISPOSAL FACILITY 100534  
NOVA SANITARY LANDFILL  
DATE 3/26/81

CITATIONS:

- (33) SALVAGED MATERIAL PRESENT ON SITE MUST BE KEPT  
AT A MINIMUM. BALES OF HARDBOARD AND METALS  
MUST BE REMOVED ON A REGULAR BASIS.
- (56) A UNIFORM SIX INCH LAYER OF SOIL MUST BE PLACED  
OVER ALL WASTES. PORTIONS OF SPREAD WASTES REQUIRE  
ADDITIONAL COVER.
- (63) BLOWN LITTER MUST BE MONITORED AND PICKED UP.  
LITTER WAS OBSERVED IN FIELDS ON THE EASTERN SECTION  
OF THE LANDFILL. THIS LITTER MUST BE PICKED UP.  
SNOW FENCES MUST ALSO BE INSTALLED TO HELP CONTROL  
THIS PROBLEM.

ORIGINAL  
(Red)

  
Department of Environmental Resources Representative

  
Operator

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone: 215/678-5657

April 6, 1991

Mr. Richard S. Ransel  
South Whitehall Township  
Department of Community Development  
4444 Walbert Avenue  
Allentown, Pennsylvania 18104

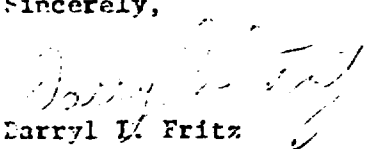
Dear Mr. Ransel:

The surface water management plan for Pheasant Hill Estates as it relates to the Novak Sanitary Landfill has been reviewed by the Bureau of Solid Waste Management. The Department suggests limiting the amount of water infiltrating the refuse to reduce the amount of leachate generated. Therefore, surface water should be diverted away from the fill areas. The design plans for the Pheasant Hill Estates indicated that most of the storm water would be conveyed through a 15" cnp approximately 1500 feet from the intersection of Lapp Road and Orefield Road. This storm water should be conveyed from this discharge pipe southward along Lapp Road to prevent infiltration into the refuse.

The quantity of water discharged from other pipe north of the Novak Sanitary Landfill should not be increased significantly; however, the surface water should not be allowed to penetrate the fill. This water should be conveyed around the fill and south along Lapp Road also.

Should you have any questions regarding this matter, feel free to contact me at this office.

Sincerely,

  
Darryl W. Fritz  
Soils Scientist  
Bureau of Solid Waste Management

DIF:dh

ORIGINAL  
per

200475

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone: 215 678-5657

April 8, 1981

Mr. Larry Stauffer  
Olin Corporation  
(Fogelsville Plant)  
Snowdrift Road  
Fogelsville, Pennsylvania 18051

Dear Mr. Stauffer:

Your application for Industrial Waste Disposal at Permitted Sites, Module No. 1 for wastes generated by the Olin Corporation, Snowdrift Road, Fogelsville, Pennsylvania has been received.

The technical staff concur that the scrap pieces of foam and Kraft paper may be disposed at the Novak Landfill, R. D. #1, Allentown, Pennsylvania.

Should you have any questions regarding this approval please feel free to contact me at this office.

Very truly yours,

Ronald F. Vlinikowski  
Facilities Supervisor

RFK:fh

X 100534

200476

(1)

April 1981 Inspection  
Novak

SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 clean and dry.

ACCESS ROADS: Access roads dry and in good condition. Crushed stones have been placed at low spot in main road about 300 feet South of landfill gate.

DISPOSAL AREAS: All disposal areas dry and generally in good condition. Continue to make sure soil is applied over the refuse to minimize flies and other vectors. Operator plans to operate towards the Northwest until grades are met and then final cover and plant this area.

RECEIVED

MAY 28 1981

RCG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

2004 77

TRENCH: Some water in demolition trench.

FENCES: In good condition.

VEGETATED AREAS: Vegetated areas contain some blowing litter. This should be picked up and deposited in the active disposal area.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

ORIGINAL  
(Red)

206478

SANITARY LANDFILL REPORT

COMMENTS: Pump water out of demolition trench as much as possible.  
Area at and around grid station 15 + 00 W, 10+00 S at  
grade should be placed a one-two (1-2) foot layer of  
soil over the refuse for final cover.

INSPECTED BY: *M. J. Zumbala*

DATE: May 19, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: *C. A. Costello*

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

260479

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone: 215/678-5657

April 20, 1981

Re: Solid Waste Processing/Disposal  
Facility Daily Log  
Novak Sanitary Landfill Inc.  
P.O. Box 100504

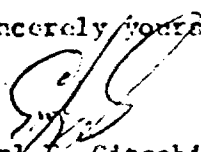
Louis J. Novak  
R. D. #1  
Allentown, PA

Gentlemen:

The Data form entitled Bureau of Solid Waste Management Processing/  
Disposal Facility Daily Log, requested from your company, has not been forwarded  
to this office. Our records indicate that the above facility has not submitted  
the monthly data on the log sheet provided. Kindly check your records and for-  
ward the completed form for the month of March as soon as possible.

Should you have any questions or require assistance, please feel free  
to contact the Bureau at the above address or by telephone.

Sincerely yours,

  
Carl F. Gitschier  
Solid Waste Specialist  
Bureau of Solid Waste Management

CFC:dh

Enclosure

206480

(1)

Weather: Cloudy with

Date April 25, 1981

March 1981 Inspection  
NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: Clean and void of litter and other debris from incoming and out going trucks.

ACCESS ROADS: Somewhat muddy but easily passable by all vehicles.

DISPOSAL AREAS: Disposal operations have shifted to the vicinity of 16 + 50W, 10 + 50S. Disposal operations will continue here for a short time until existing low spots in the area are brought to grade with the surrounding area. Garbage disposal operations will then shift to the vicinity of 11 + 50W, 11 + 00S until approved final grades are met.

Demolition is dumping in that area in and around station 5 + 00W, 5 + 00S, as per approved permit

Observed compactor making repeated passes over refuse. Soil was also observed being added to the compacted refuse.

ORIGINAL  
RECEIVED

MAY 5 1981

3. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200481

TRENCH: Water from rainy periods pumped out as much as possible and only small amounts remain.

FENCES: In good condition.

VEGETATED AREAS: Basically free of litter. Very minimal amounts of litter observed in surrounding vegetated areas.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence thereof observed. No rodents observed on - site.

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS: Engineer will work out at site determining what areas of the landfill are up to final grade. Areas up to final grade, will be final covered with two feet of soil and revegetated.

INSPECTED BY:

*Frederick Lee*

DATE:

April 25, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

*C. A. Costello*

cc: Novak Sanitary Landfill

Department of Environmental Resources.

South Whitehall Township.

206483

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>5/7/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc.</b>	FACILITY ADDRESS <b>RD #1 Allentown PA</b>	
MUNICIPALITY <b>South Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak Sr. RD #1 Allentown PA</b>		
DAILY VOLUME RECEIVED <b>300-350 Tons/day</b>	ANNUAL REPORT RECEIVED <b>Due July 1.</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

ORIGINAL

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34				
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			X
35				
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
36				
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			X
37				
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
38				
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39				
75.24(c)(2)(iii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
40				
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		
41				

200484

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

100534

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)			X
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)		X	
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(i)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)		X	
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)			✓
66	Chapter 101(9)(e)(2)			✓

200485

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENTINSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITESCOMMENTS:  
FORM NO. 10, 11, & 12DISPOSAL FACILITY NOVAK Sanitary  
Landfill 100534  
DATE 5/7/81

Weather: Sunny, Cool, Windy

Accompanied by John Sims.

The site was in operation at the time of the inspection and we were accompanied by Louis Novak. A pan was continuing to excavate a trench on the southern side of the site. Filling was occurring at the southern side of the site.

Citations:

(58) The area to the west of the present fill area needs additional cover material to bring the thickness up to one foot.

(63) Blowing Litter was observed around the edges of the property. Although none of it was observed off the property, a regular pickup of the material should occur.

ORIGINAL  
FiledMichael J. Maich

Department of Environmental Resources Representative

L. L. Novak

Operator

200486

Lehigh Regional Office  
Allentown, Pennsylvania 19565  
215 878-5657

May 11, 1961

Re: Permit No. 100534  
Novak Sanitary Landfill  
South Whitehall Township  
Lehigh County

Mr. Louis J. Novak  
R. D. #1  
Allentown, Pa. 18102

Dear Mr. Novak:

This letter is in response to the gas control system as required by  
C. A. Costello Engineering Company.

The following recommendations and comments are submitted for your  
consideration:

1. It is recommended that in place of the metal drums intended to be used for gas venting in the proposed landfill area that the operator install either reinforced concrete pipe or bituminous coated corrugated metal pipe. This is suggested since the metal drum would undoubtedly rust out and decompose before the gas ventilation process would cease.
2. It is also suggested that the venting pipes be set on firm bases on top of the soil at the bottom of the landfill area and not six inches beneath the bottom of the landfill as indicated on the plans. If you propose to use reinforced concrete pipe, it is recommended that it be set on an eight-inch reinforced concrete support base. If you determine to use bituminous-coated corrugated metal pipe, it should be set on and anchored to a one-quarter-inch thick metal plate approximately four feet by four feet square and/or any other base designed to withstand the bearing loads of pipes and gravel.
3. It is also suggested that if the bituminous-coated metal pipe is to be used that the perforation holes be drilled or cut out mechanically but in no case are they to be burned out with a torch. The vent holes should be a minimum of one inch in diameter and a maximum of two and one-half inches in diameter and set at staggered intervals of one foot horizontally and vertically. It is suggested that if reinforced concrete pipe is used that the openings be cut out with a concrete drill taking care not to break the pipe, but in no case are they to be punched out or hammered in. It is also recommended that there should be no perforation holes within six inches of the top or the bottom sides or in the earth cover zone itself.

200487

4. It is recommended that seepage collars be designed and installed at each and every cover lift to prevent precipitation from seeping down along the side of the vent pipe.

5. Furthermore, the tops of the vent pipe shall be equipped with an approved weather cap to prevent rain or snow from entering the vent system. The top of the vent pipe should also be raised higher in order that there is better gas dispersion.

6. The surface drainage should be so designed that no vent pipe will be located in a swale or other runoff area. Furthermore, the earth at the base (finished grade) of the exposed vent pipe should be constructed to shed water.

7. It may be advisable to install a four-inch PVC pipe in the center of these vents that are 20 feet deep or less (20 feet approximately the effective vacuuming pumping height); and a six-inch PVC pipe in those over 20 feet deep (for a submersible pump). This pipe should be used to pump out any leachate that may be present in the fill.

8. It is also requested that the engineer for the operator develop and submit along with his gas control plan a Fire Abatement Plan in the event of spontaneous combustion (sub-surface) or accidental fire.

9. In order to perform a meaningful evaluation of the gas control plan, it is essential that the consulting engineer submit data and other information that he used to determine the vent pipe sizes and locations, the volume of gas generated, the rate of gas generated, and the duration of the gas generation.

The following recommendations are submitted for the venting of gas in the existing landfill areas:

1. At the proposed depth of two feet, four inches in the existing fill area, the PVC pipe would be subject to great sheer forces or possible collapse due to heavy equipment operating over the area.

2. Furthermore, at the proposed depth of two feet, four inches, it is questionable as to the benefit derived and consideration should be given to installing these pipes vertically to a point approximately two feet from the bottom of the fill, and at closer intervals, possibly 75 feet on center.

Mr. Louis J. Novak

May 11, 1981


3. In a similar matter, the drainage in the proposed fill area and the existing fill area should, of course, be directed away from the vent pipes. Consideration should also be given to those items covered in the proposed fill area, such as weather caps for the vent pipes, and fire abatement plan.

4. Guard posts of sufficient strength should be erected adjacent to the vent in order to protect them from accidental damage.

5. It is recommended that the consulting engineer submit general specifications for such items as pipe strength, gravel gradation, etc.

Please note that these suggestions are general recommendations to be used as guidelines only and the different items making up the gas control plan will have to be designed for the existing field conditions at the site and their design is to be based upon the data and information available at the site. Feel free to contact this office at the above listed number if you have any questions concerning this matter.

Sincerely very truly,

  
John H. Parsons  
Operations Supervisor

JHP:aedv

cc: C. Costello Engineering Co.

cc: Randy Kraft, ...

200489

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>5/20/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill Inc.</b>		FACILITY ADDRESS <b>RD #1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak Sr. RD #1 Allentown PA</b>		
DAILY VOLUME RECEIVED <b>300-350 Ton/Day</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present.	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 34 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
75.24(c)(2)(xxi), 75.37(j) 35 & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			X
75.24(c)(2)(i), 75.37(e) & 36 75.38 II(8)(viii)	Surface water management administered at the site	X		
75.24(c)(2)(iii), (iii), & 37 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			X
75.24(c)(2)(xi) & 38 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
75.24(c)(2)(v) & 39 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
75.24(c)(2)(ii)(iii), 40 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
75.24(c)(2)(xvi), 75.37(k) 41 & 75.38 II(8)(iii)	Fire breaks	X		

200490

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			X
43 75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvii), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	X		
66 Chapter 101(9)(e)(2)	Is bonding status correct			

200491

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENTINSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITESCOMMENTS:  
FORM NO. 10, 11, & 12DISPOSAL FACILITY NOVAK Sanitary  
Landfill 100534  
DATE 5/20/81

Weather: Sunny &amp; Warm

Accompanied by Dave Updegrave

The site was in operation at the time of this inspection. The present working face is still on the southwest end of the site. The area which was partially exposed at the last inspection has received some cover material (on the northeast portion of site). Work is continuing on excavating Trench # 2. Several areas were noted during the inspection by Mr. Novak which are to be refilled where settling has left a pocket to prevent accumulating water.

Recommendations:

- 56) A narrow strip of exposed refuse was present at the east side of the working face which may have been exposed from the previous days filling. All refuse is to be covered at the end of each working day.

Michael J. Maiolo

Department of Environmental Resources Representative

Louis J. Novak

Operator

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

DISPOSAL FACILITY Novak Sanitary  
Landfill Inc. 100534  
DATE 6/5/81

This report is being written in conjunction to the inspection report of 6/3/81. Its purpose is to set up a time schedule for the completion of necessary actions as stated in the report of 6/3/81.

Chapter Citation

35) 75.24(c)(2)(xxi) A final 2' layer of cover material shall be placed  
75.37(j) + 75.38 on <sup>the</sup> surface of the final lift by July 3, 1981.  
11(8)(viii)

58) 75.26(n) A one foot layer of compacted cover material shall be placed on the completed lift adjacent to the present working face by June 17, 1981.

Michael G. Marler  
Department of Environmental Resources Representative

Lincoln H. Hark  
Operator

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <div style="font-size: 1.2em; font-weight: bold;">100534</div>	INSPECTION DATE (9-14) <div style="font-size: 1.2em; font-weight: bold;">6/3/81</div>	INSPECTORS SOC. SEC. NO. (16-24) <div style="font-size: 1.2em; font-weight: bold;">167-48-5242</div>
NAME OF DISPOSAL FACILITY <div style="font-size: 1.2em; font-weight: bold;">NOVAK Sanitary Landfill, Inc.</div>		FACILITY ADDRESS <div style="font-size: 1.2em; font-weight: bold;">RD #1 Allentown PA</div>
MUNICIPALITY <div style="font-size: 1.2em; font-weight: bold;">South Whitehall Twp.</div>		COUNTY <div style="font-size: 1.2em; font-weight: bold;">Lehigh</div>
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <div style="font-size: 1.2em; font-weight: bold;">Louis T. Novak Sr. RD#1 Allentown, PA 395-6251 395-4580</div>		
DAILY VOLUME RECEIVED <div style="font-size: 1.2em; font-weight: bold;">300-350 Tons/day</div>	ANNUAL REPORT RECEIVED 	DAYS PER WEEK OPERATED <div style="font-size: 1.2em; font-weight: bold;">5 1/2</div>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION			1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27	75.21(s)	25' setback line buffer zone present.	X		
28	75.21(i)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
	75.21(q)	Approved operational safety program being utilized	X		
	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X	
30					
31	75.21(m)(2)	Hours of operation prominently posted	X		
32	75.21(k)	Telephone or other communications available	X		
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34					
	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
35					
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
36					
	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
37					
	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
38					
	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39					
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

**200494**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)			X
58	75.26(n)		X	
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(i)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	X		
66	Chapter 101(9)(e)(2)			X

200495

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Overcast & damp.

DISPOSAL FACILITY NOVAK Sanitary

Landfill 100534

DATE 6/3/81

The work area which was in operation during the last inspection has now been brought up to final grade, and has been covered with 6"-12" of cover material. This final area is to be covered with 2' of cover material after the soil dries some. The present working face near the center of the property to the east border.

Recommendations:

- # 30 A large flock of black birds was present near the working face. This is mainly due to the lack of intermediate cover on the completed lift.
- # 35 As previously stated, the past working area has been completed and requires 2' of cover material to be placed on it. Daily cover is the highest priority, however, followed by intermediate cover and then final cover. Work should proceed whenever possible on the final cover area.
- # 42 An updated plan for controlling gas on the site shall be submitted to the department for approval along with a schedule for implementing this plan.
- # 58 Intermediate 1' layer of cover material shall be placed on the completed lift adjacent to the present working area.

Michael J. Maricle

Department of Environmental Resources Representative

Lucy J. Novak

Operator

CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE

200496

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>6/24/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>Nouak Sanitary Landfill, Inc.</b>	FACILITY ADDRESS <b>RD #1 Allentown PA</b>	
MUNICIPALITY <b>South Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Nouak RD #1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>300-350 Tons/dry</b>	ANNUAL REPORT RECEIVED <b>Due July 1</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X	
37 75.24(c)(2)(iii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

200497

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)			
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)		X	
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(i)		X	
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	X		
	Chapter 101(9)(e)(2)			X
	Is bonding status correct			

200498

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather, Sunny, warm, & humid

DISPOSAL FACILITY Novak Sanitary

Landfill Inc., 100534

DATE 6/24/81

The working area is the same as during the last inspection. Presently, the demolition disposal area is beginning to be filled and is to be expanded to the north and east of the present fill area. The final cover and intermediate cover which were lacking during the last inspection have been completed.

The large compactor is presently broken down and may be for around a week depending on extent of engine repairs needed. A smaller compactor is being used.

(#36) 75.24(c)(2)(i) 75.37(c) - several pools of standing water are present from rain 75.38(11)(8)(viii) four days ago. These should be leveled to allow the water to drain by July 7, 1981.

(#42) 75.24(c)(2)(xxiv) 75.37(k) - An updated gas management plan is still pending. 75.38(11)(6) And should be approved prior to implementing it.

(#56) 75.26(i), 75.35(2)(8)(vii) - A six inch layer of cover material shall be placed over refuse at the end of each working day. The area to the north east of the working face appears to have been left uncovered. This area shall be covered within one week.

(#60) 75.26(i) The size of the working face is too large and need to be kept to a more suitable working size, in the future.

Michael B. Marole

Department of Environmental Resources Representative

F. J. Hark

Operator

(1)

100532  
Weather: Clouey 12.5  
DATE : June 26, 1981

MAY 1981 INSPECTION  
NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L. R. 39042 and T-593 clean and dry. No trash or litter being transferred from the landfill to the public road.

ACCESS ROADS: Dry and compact and in good condition.

DISPOSAL AREAS: Compaction processes observed and adequate daily soil cover applied over the refuse is recommendable. Disposal operation presently processing toward northwest of the landfill.

ORIGINAL  
(Red)  
**RECEIVED**

JUL 1 1981  
RDG. REGIONAL OF  
DEPT. OF ENV. RES

200500

TRENCH:

Demolition trench dry. Some water in southern half of trench No. 2. Pumps on standby to dewater trench during dry periods.

FENCES:

Fences are in good condition.

VEGETATED AREAS:

Free of litter, in good shape.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on-site.

SANITARY LANDFILL REPORTCOMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.

Establish vegetation in completed areas after final cover is applied.

Continue to stockpile stone and rubble for road repairs and construction.

Improve drainage on main road by regrading roadside ditches.

INSPECTED BY:C. A. CostelloDATE:JUNE 29, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

cc: Novak Sanitary Landfill  
Department of Environmental Resources.  
South Whitehall Township.

200502

**FIRE PROTECTION**

**PREPARED FOR:**

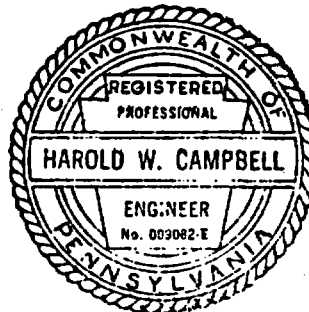
**NOVAK SANITARY LANDFILL  
SOUTH WHITEHALL TOWNSHIP  
LEHIGH COUNTY, PENNA.**

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**PREPARED BY:**

**C. A. COSTELLO ENGINEERING CO.  
943 N. 7th STREET  
ALLENTOWN, PA 18102**

**JULY 11, 1981**



**200503**

## Fire Protection

Fire protection exists for the landfill operation in two forms, on-site and off-site. The on-site protection is provided through the presence of a Fire engine pumper that will always be kept at the landfill site. This truck will serve a three fold purpose. The primary function of the truck will be of fire protection for the landfill operation. However, the truck will also be used two other important functions, those being dust control and machinery cleaning. When dry weather creates extremely dusty conditions on any part of the landfill (most particularly the access road), the fire truck will be used to sprinkle water over the dust to allay the dust problem. The fire truck will also be used to clean the landfill equipment when they become excessively dirty from the working conditions encountered.

There are three existing wells on the site which will be used for fire protection.

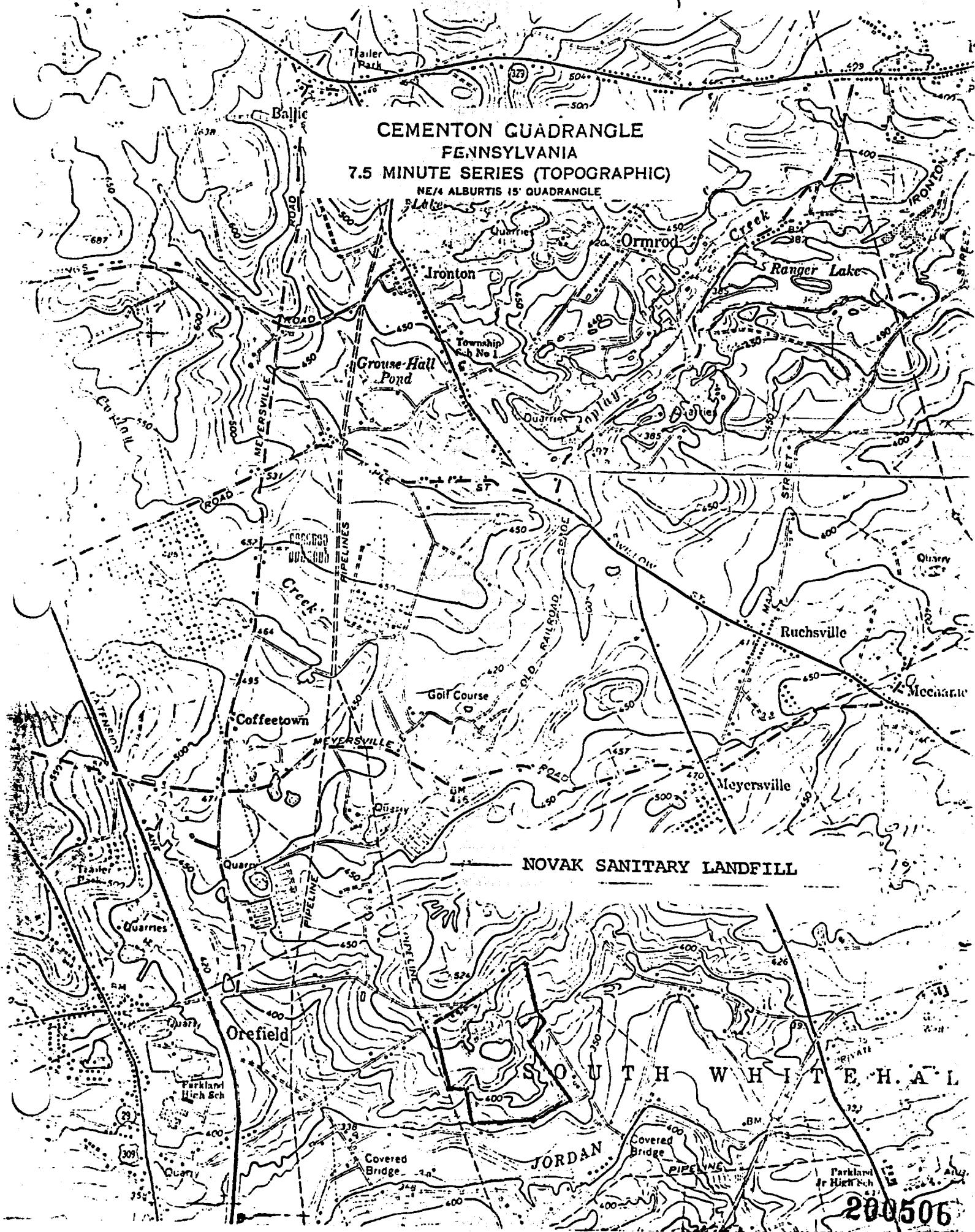
Off-site fire protection will be available to the landfill operation from the neighboring village of Orefield (Tri-Clover Fire Co.) and its volunteer fire company. Should a situation arise that the fire truck on the site could not handle and the fire company's assistance would be needed, a call on the two-way radio will be made to summon the firemen and their equipment.

It should be noted that no burning of wastes will be permitted at the sanitary landfill. Consequently, the possibility of a fire starting at the landfill will be greatly reduced and will be basically limited to an unforeseen occurrence.

The use of daily cover will tend to keep a fire in a cell that is under construction or completed from spreading laterally to adjoining refuse cells. If it is discovered that a cell is smouldering or burning, the burning area will be spread out with the landfill equipment so that water can be applied. If the fire truck on-site and its corresponding water reservoir is deemed not to be adequate to handle any particular potential fire, off-site fire-fighting equipment will be called in.

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CEMENTON QUADRANGLE  
PENNSYLVANIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE/4 ALBURTIS 15' QUADRANGLE



NOVAK SANITARY LANDFILL

SOUTH WHITE HALL

JORDAN

200506

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>7/13/81</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>Novak Sanitary Landfill Inc.</b>		FACILITY ADDRESS <b>RD#1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp</b>		COUNTY <b>Lehigh</b>
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD#1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>300-350 T/dy.</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		

200507

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(iii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
Chapter 101(9)(e)(2)	Is bonding status correct			X

200508

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Partly Sunny, warm  
and breezy.

DISPOSAL FACILITY Novak Sanitary  
Landfill, Inc. 100534

DATE 7/13/81

The working face remains in the same area as during the last inspection. During the inspection, a pnn was excavating the demolition disposal area and using the cover material ~~to cover~~ as daily cover.

Work on the large compactor is just being completed and it should be in operation this afternoon.

#42) 75.24(c)(2)(xxiv), 75.37(k) An updated gas management plan still has not been submitted to the Department for approval. This should be done prior to installation of a gas management system.  
75.38(11)(6)

#58) 75.26(m) The lift adjacent to the working face has been comp and needs a one foot layer of cover material. This area is presently being used as a turn around area for trucks.

#65) 75.26(o)(p), 75.37(j) Vegetative growth shall be established where the final cover has been applied. Presently some top soil is being placed on it.  
75.38(11)(8)(ix).

ORIGINAL  
(Red)

Michael G. Muiolic

Department of Environmental Resources Representative

Louis J. Novak

Operator

(1)

JUNE 1981 INSPECTION  
NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition;  
no mud or refuse from landfill on surface.

ACCESS ROADS: Main road in good condition; branch roads also  
in good condition. Some crushed stone and brick  
have been added to low spot at approximately 300  
feet south of the access road entrance in main  
access road.

DISPOSAL AREAS: Disposal operations presently going on the  
vicinity of 11 + 00 W, 11 + 00 S. Work will  
progress in this area until surface of fill  
reaches grade.  
Demolition is dumping in that area in and around  
station 5 + 50 W, 6 + 00 S.  
All disposal areas dry and generally in good  
condition. Observed compactor passing over  
refuse.

ORIGINAL  
(Red)

RECEIVED

JUL 31 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200510

TRENCH: Soil being removed from demolition trench in east part of the landfill and being used to cover compacted refuse.

FENCES: In good condition.

VEGETATED AREAS: All trees and brush around perimeter of landfill clean.

VECTOR & INCINERATION: No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

ORIGINAL  
(Red)

200511

NOVAK

SANITARY LANDFILL REPORT

COMMENTS: Adequate daily soil cover applied over the refuse is recommendable.  
Continue to clean blowing litter from trees and brush.  
Apply final cover to completed areas and seed with fast growing grass.

INSPECTED BY:

C. A. Costello

DATE:

July 24, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources.  
South Whitehall Township.

ORIGINAL  
(Red)

200512

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>7/28/81</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill Inc.</b>		FACILITY ADDRESS <b>RD #1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp.</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD #1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>300-350 T/day</b>	ANNUAL REPORT RECEIVED <b>No</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(vii)	Surface water management administered at the site		X	
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(vii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		

ORIGINAL  
(Reg)

200513

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(8)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)		X	
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(l)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)		X	
66	Chapter 101(9)(e)(2)			X

ORIGINAL  
(Ref)

200514

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Cool & Overcast.

DISPOSAL FACILITY NOVAK Sanitary  
Landfill Inc. 100534  
DATE 7/28/81

Work is continuing on excavation of demolition disposal area. The area which required ~~an~~ intermediate cover during the last inspection has been covered adequately.

Water samples for the annual report have been taken and are being analysed. These will be sent in when completed.

Chapter Citations

#36) 75.24(c)(2)(i), 75(37)(e) Several areas were noted during the inspection of standing water. These should be filled to prevent water from accumulating.  
75.38(11)(5)(VIII)

#42) 75.24(c)(2)(XIV), 75(37)(K) A gas management plan shall be approved by the Department prior to implementation. Mr Novak stated that he is looking into American Gas Recovery Corporation as one possible alternative.  
75.38(11)(L).

#52) 75.26(b) 75.37(K)(2)(3) During the inspection, refuse is being spread deeper than 2 feet. This practice shall change in order to allow better compaction and covering to occur.

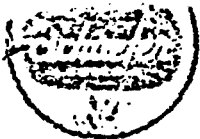
#65) 75.26(d),(p) When the season permits, vegetative growth shall be established to prevent erosion. This should begin in mid to late August.

Michael J. Marley

Department of Environmental Resources Representative

L. Novak

Operator



# INTER-OFFICE COMMUNICATION

TO: L. Frey ✓

DATE: 8/7/81

FROM: A. S. Vanek

COPY TO: D. Memmer

SUBJECT: Approved Industrial Waste Haulers

As per my conversation with Mr. Leon Kuchinski, PA Dept. of Environmental Resources (215-678-5657), only Mr. L. Novak (Novak's Landfill and Valley Disposal - haulers) is PA approved.

Mr. E. Reeser (Reeser's Automated Refuse Systems) is an approved hauler but must use Colebrookdale Landfill or another approved landfill. Christman Landfill is not approved for industrial waste per Mr. L. Kuchinski.

  
A. S. Vanek

ORIGINAL  
FILED

PURCHASING--

3 01 9:42

200516

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>8/20/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc.</b>		FACILITY ADDRESS <b>RD #1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J Novak RD #1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>300-350 T/day</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance. 2 - Non-Compliance. 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

ORIGINAL  
(Red)

200517

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(i)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)		X	
63	75.26(j), (k)	X		
64	75.26(c)	X		
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)			X
	Chapter 101(9)(e)(2)			X

ORIGINAL  
(Red)

200518

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunnys Breezy & Cool

DISPOSAL FACILITY Nouak Sanitary  
Landfill Inc. 100534  
DATE 8/20/81

Excavation is continuing on the demolition area. The trench is approximately 12-14 feet deep. The area where refuse is being deposited remains the same; however, it has been enlarged to permit only 2 foot layers of refuse before covering.

#42) 75.24(c)(2)(xxiv), 75.37(k) Gas Management - Negotiations are continuing with  
75.38(11)(c) American Gas Recovery Corp. Any plan that is developed should be submitted to the Department for approval prior to implementation.

#62) 75.26(q)(h) 75.38(11)(e)(vi) The very dry conditions have lead to dust being blown around the site. When the weather conditions make dust a problem, some control plan should be used.

65) 75.26(o)(p) 75.37(j) When the season permits, vegetative growth shall be established to prevent erosion. This should begin within a month.

ORIGINAL  
(Red)

Michael J. Maish

Department of Environmental Resources Representative

L. J. Novak

Operator

Weather: Sunny, 45°F 10053  
Date: March 17, 1980

(1)

NOVAK  
SANITARY LANDFILL REPORT  
FEBRUARY

PUBLIC ROADS: Very clean and dry. No litter or refuse on or around the public road L.R. 39042.

ACCESS ROADS: The access road is also in very good condition. Stockpiled brick and crushed stone have been placed from the entrance to about 250 feet for easy access and improved for heavy use condition. Access road from Station 250 + 00 S to 6 + 00 S in fair condition. All other access roads not in use.

DISPOSAL AREAS: Refuse disposal presently taking place in approved trench and proceeding towards Southwest. Compaction processes observed but in some small areas daily refuse has not been covered. The placement of daily and intermediate cover compacted refuse should be assured as required. The elevation of the landfill along the access road from Station 1 + 00 to 2 + 00 also seems higher than the designed final elevation. The operator should be notified and correct that portion as informed by the engineer.

RECEIVED

APR 7 1980

RDG. REGIONAL OFFICE  
DEPT. OF

200520

(2)

GENERAL APPEARANCE: Overall appearance of the disposal area is somewhat satisfactory. No litter or refuse observed in adjacent tree lines.

VEGETATED AREAS: Vegetated areas contain some blowing litter. This should be picked up and deposited in the active disposal area. Vegetation is expected to establish due to the coming spring season.

VECTOR & INCINERATION: Vermin is successfully controlled by exterminator. No burning of refuse observed.

ORIGINAL  
(Red)

RECEIVED

APR 7 1980

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200521

(3)

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

The complete portion of landfill that has been settled should be graded and undisturbed. The over elevation area should be corrected as soon as possible to allow access for run-off water. Revegetate if necessary in some areas that dried-out by last winter.

INSPECTED BY:

W. Longham

DATE:

3/17/80

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

Charles A. Costello

cc: NOVAK LANDFILL  
SOUTH WHITEHALL TOWNSHIP

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200522

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100 534</b>	INSPECTION DATE (9-14) <b>5/8/80</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>124-50-2106</b>
NAME OF DISPOSAL FACILITY <b>NOUAK SANITARY LANDFILL</b>	FACILITY ADDRESS <b>RDF/ ALLINTOWN</b>	
MUNICIPALITY <b>SOUTH WHITEHALL TWP.</b>	COUNTY <b>LEHIGH</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOUAK SR. ALLINTOWN RDF/ 215-395-6251</b>		
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED _____

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	✓		
27 75.21(s)	25' setback line buffer zone present	✓		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	✓		
29 75.21(q)	Approved operational safety program being utilized	✓		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	✓		
31 75.21(m)(2)	Hours of operation prominently posted	✓		
32 75.21(k)	Telephone or other communications available	✓		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations		✓	
34 75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	✓		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		✓	
36 75.24(c)(2)(i), 75.37(a) & 75.38 II(8)(viii)	Surface water management administered at the site	✓		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		✓	
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	✓		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	✓		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations		✓	
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	✓		

200523

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			✓
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		✓	
44 75.24(c)(2)(xi), 75.37(k), & 75.38 II(8)(ii)	Approved cover material being utilized	✓		
45 75.24(c)(2)(x)	Approved subbase being utilized			✓
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	✓		
47 75.25(h)	Lined site, under drains operable			✓
48 75.25(i)	Are liners in place and covered with protective earth			✓
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			✓
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			✓
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		✓	
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	✓		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			✓
54 75.26(f)	Regulation ban on open burning adhered to	✓		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled		✓	
56 75.26(ii) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		✓	
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			✓
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		✓	
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	✓		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	✓		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans		✓	
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	✓		
63 75.26(j), (k)	Blowing litter controlled	✓		
64 75.26(c)	Provision for standby equipment available when needed	✓		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		✓	
66 Chapter 101(9)(e)(2)	Is bonding status correct			✓

200524

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

WEATHER

cloudy, 60's

COMMENTS:  
FORM NO. 10, 11, & 12

33. SALVAGING SHOULD BE CONTINUED TO ONE AREA NOT TO HINDER DAILY OPERATIONS AND BE PERFORMED IN A MORE ORDERLY MANNER.

DISPOSAL FACILITY

100534

NOVA SANITARY LANDFILL

DATE 5/8/80

35. ~~FOR~~ ADDITIONAL FINAL COVER SHOULD BE PLACED AND GRADED ACCORDING TO PLANS ON EASTERN AND WESTERN PORTIONS.

37. FINAL SLOPES ON EAST SOUTH AND WEST SECTIONS MUST BE MADE TO CONFORM TO THE APPROVED PLANS.

40. SLOPES, DRAINAGE AND TERRACES ON EAST SOUTH AND WEST SECTIONS MUST BE MADE TO CONFORM TO THE APPROVED PLANS.

43. QUARTERLY GROUND WATER MONITORING REPORTS HAVE NOT BEEN SUBMITTED.

51. EROSION CONTROL REQUIRED ON EAST SOUTH AND WEST SECTIONS.

55. BULKY WASTES MUST BE CONTROLLED IN A MORE ORDERLY MANNER.

56. ADDITIONAL DAILY COVER MUST BE PLACED ON SOUTHERN SECTION.

58. ADDITIONAL INTERMEDIATE COVER IS REQUIRED FUTURE LOTS.

61. OPERATION IS NOT IN ACCORDANCE WITH APPROVED PLANS.

65. A SUITABLE <sup>(ELEVATION ON ROAD)</sup> VEGETATIVE COVER IS REQUIRED ON THE EAST AND WEST SECTIONS.

John A. Smith 5/8/80  
Department of Environmental Resources Representative

Levin J. H. [Signature]  
Operator

*Bitscher*  
Weather, Sunny 79°F 100534  
Date: May 17, 80

(1)

NOVAK  
SANITARY LANDFILL REPORT

For APRIL, 1980

PUBLIC ROADS: L.R. 39042 clean and dry. No trash or litter being transfered to the public road from the landfill.

ACCESS ROADS: Dry and compact, stockpiled materials being used to help access road in good condition. More layers of stone has been added to improve the condition of the access road when raining.

DISPOSAL AREAS: Compaction processes observed and adequate daily soil cover applied over the refuse is recommendable. Disposal operation presently processing toward Southwest of the landfill.

*RECEIVED*  
JUN 10 1980  
REG. REGIONAL OFFICE 200526  
U. S. E. A. RES.

(2)

GENERAL APPEARANCE: No standing water or wet spots observed during inspection. Good practice of handling the waste makes the appearance of the landfill recommendable. Some material being deposited in demolition are to abate slopes.

VEGETATED AREAS: No blowing litter. Vegetation is being established on complete portion of landfill.

VECTOR & INCINERATION: Vermin are being successfully controlled by monthly extermination practices. No vectors or burning evidence.

RECEIVED  
JUN 10 1980

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200527

SANITARY LANDFILL REPORT

COMMENTS: Continue final cover placement. Keep a 15 foot buffer strip undisturbed. No activity should be taken place at the nonactive areas. Any areas on completed portion of landfill that have been settled shall be checked and graded.

INSPECTED BY:

Wong

DATE:

MAY 30, 1980

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

Charles A. Costello

cc:

Mr. Carl F. Gitschier  
South Whitehall Township Manager  
Mr. Louis Novak

ORIGINAL  
(filed)

RECEIVED  
JUN 2 1980

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200528

(1)

Weather: Cloudy 76  
Date: Aug .27, 1981

July 1981 INSPECTION

NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition;  
No mud or refuse from landfill on surface.

ACCESS ROADS: Main Road and branch roads in good condition.

---

DISPOSAL AREAS: Disposal operations presently going on the  
vicinity of 11+00 W, and 11+00 S. Work will  
progress in this area until surface of fill  
reaches grade.  
Demolition is dumping in that area in and  
around Station 5+50 W, and 6+00 S.  
New trench is being dug to the East of the  
existing demolition area.  
All disposal areas dry and generally in good  
condition.

ORIGINAL  
(Red)

RECEIVED

SEP 4 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES

200529

TRENCH:

Soil being removed from demolition trench in East part of the landfill and being used to cover compacted refuse.

FENCES:

In good condition.

VEGETATED AREAS:

All trees and brush around perimeter of landfill clean.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.  
Continue to clean blowing litter from trees and brush.  
Apply final cover to completed areas and seed with fast growing grass.

INSPECTED BY: C. A. Costello DATE: 8-27-81

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

ORIGINAL  
(filed)

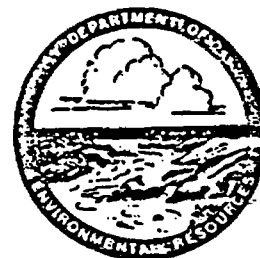
cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

280531



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone 215 678-5657



August 28, 1981

Mr. A. S. Vanek, P.E.  
Supervisor of Engineering  
F & M Schaefer Brewing Co.  
Lehigh Valley Brewery  
P. O. Box 2568  
Allentown, PA 18001

Dear Mr. Vanek:

Your correspondence dated August 27, 1981, regarding neutralization of ORM-E (label pulp) has been reviewed by representatives of this office.

The proposal to mix the label pulp with spent filter powder (DE) syrup combination in a neutralization process to reduce the label pulp from pH 12.5 to approximately pH 7.0 is acceptable to the department.

This neutralization process will result in the label pulp not exhibiting the characteristics of corrosivity and therefore not meeting the department's definition of hazardous waste.

If there is any question regarding the above, please do not hesitate to contact this office.

Sincerely yours,

Leon L. Kuchinski  
Regional Solid Waste Manager

LLK:fh

cc: L. Luy  
R. McCarthy  
N. Theswood  
R. Mennan

ORIGINAL  
(leg)

200532

Reading Regional Office  
Wernersville, Pennsylvania 19565  
Telephone: 215/678-5657

September 11, 1981

Novak Landfill  
R. D. 1  
Allentown, PA 18104

Gentlemen:

In accordance with Chapter 75.265(n) of the Resource Conservation and Recovery Act, the following must be completed and submitted to this office by November 19, 1981:

- a. Installation and approval of at least four (4) monitoring wells constructed according to the description in Chapter 75.265(n), Sections 4 through 7.
- b. Development of a ground water sampling and analysis plan for the monitoring system according to Chapter 75.265(n) 8.
- c. Ground water surface elevations at each monitoring well after each sampling as specified in Chapter 75.265(n) 13.
- d. Development and submission for approval of an outline of a ground water quality assessment and abatement program according to Chapter 75.265(n) 14.
- e. Calculation of the arithmetic mean variance for each indicated parameter based on at least four (4) replicate measurements on each sample for each well monitored and comparison of the results with the initial background of the arithmetic mean according to Chapter 75.265(n) 15.

The attached Hazardous Waste Monitoring Report must be substituted quarterly for a year beginning November 19, 1981, for each monitoring well.

Should you have any questions or desire further information regarding this matter, please feel free to contact Mr. C. J. Conapitski in this office.

Sincerely,

Ronald F. Klinikowski  
Facilities Supervisor

RFK:mg

Enclosure

200533

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>9/14/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>Novak Sanitary Landfill Inc. RD #1 Allentown PA</b>		FACILITY ADDRESS
MUNICIPALITY <b>South Whitehall Twp.</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J Novak RD #1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>250-300 Ton/day</b>	ANNUAL REPORT RECEIVED <b>No</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 34 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

ORIGINAL  
(Red)

**200534**

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X	
45	75.24(c)(2)(x)	Approved subbase being utilized	X	
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X	
47	75.25(h)	Lined site, under drains operable		X
48	75.25(i)	Are liners in place and covered with protective earth		X
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained		X
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
53	75.26(q)	At lined sites, is all waste deposited on lined areas		X
54	75.26(f)	Regulation ban on open burning adhered to	X	
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	
56	75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X	
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site		X
63	75.26(j), (k)	Blowing litter controlled	X	
64	75.26(c)	Provision for standby equipment available when needed	X	
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		Y
66	Chapter 101(9)(e)(2)	Is bonding status correct		X

200535

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunny, Warm

DISPOSAL FACILITY NOVAK Sanitary  
Landfill, Inc 100534  
DATE 9/14/81

The present working face remains to be on the east side of the landfill. Excavation is continuing on the demolition disposal area. After this area has been completed their work will shift to the #2 Trench.

Chapter Citations:

#42. 75.24(c)(2)(XXIV) 75.37(k) A gas management plan has recently,  
75.36(11)(6) been submitted and is being reviewed for acceptability.

#62. 75.26(g)(1) 75.38(11)(e)(vi) The very dry conditions have continued to cause a dust problem on the site. The use of foundry sand on the road has helped but some additional controls are needed.

#65. 75.26(o)(p) 75.37(j) Efforts to revegetate the completed fill area  
75.38(11)(e)(ix) have not begun yet due to the dry conditions. However, this should begin as soon as the season permits.

Michael J. Maoli  
Department of Environmental Resources Representative

Louis J. Novak  
Operator

(1)

Weather: Cloudy 68°F  
Date: Sept. 22, 1981

Aug. 1981 INSPECTION

NOVAK  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 have mud on public road surfaces leaving landfill entrance.

ACCESS ROADS: Main road and branch roads in poor condition because of rainy weather. The operator was working on improving these conditions by laying stone on the roads.

DISPOSAL AREAS: Disposal operations presently going on the vicinity of 11+00 W, and 11+00 S. Work will progress in this area until surface of fill reaches grade. Demolition is dumping in that area in and around Station 5+50 W, and 6+00 S. New trench is being dug to the East of the exsisting demolition area.

RECEIVED  
SEP 25 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200537

TRENCH:

Soil being removed from demolition trench in East part of the landfill and being used to cover compacted refuse.

FENCES:

in good condition.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill is clean.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

RECEIVED  
FED

(3)

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.  
Continue to clean blowing litter from trees and brush.  
Apply final cover to completed areas and seed with fast growing grass.  
Mud from landfill area on road surface should be removed.

INSPECTED BY: C. A. Costello

DATE: 9-29-81

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc:

CE 9 - 09 - 29 - 81

200539

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>10/15/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc.</b>		FACILITY ADDRESS <b>RD#1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp.</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK RD#1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>250-300 Ton/day</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance. 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34				
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
35				
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
36				
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
37				
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
38				
75.24(c)(2)(v) & 75.38 II(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39				
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41				
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

**200540**

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(l)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)			X
66	Chapter 101(9)(e)(2)			X

ORIGINAL  
(Red)

200541

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunny + Cool

DISPOSAL FACILITY NOVAK Sanitary  
Landfill Inc. 100534

DATE 10/15/81

The working face on the east side of the landfill is continuing to receive wastes. The No. 2 trench is being excavated at this time and the large rocks in it are being removed.

Chapter Citations:

#42) 75.24(c)(2)(xxiv) 75.37(k) The gas management plan is being reviewed and notification + recommendations will be made in the near future.  
75.38(i)(6)

#65) 75.26(o)(p) 75.37(j) Rye grass and wheat seed has recently been planted on the newly completed fill area. This seed has not begun to grow as yet due to the dry condition.  
75.38(i)(8)(ix)

ORIGINAL  
(Red)

Michael J. Marlowe

Department of Environmental Resources Representative

Louis J. Novak

Operator

(1)

Weather: Cloudy 66<sup>0</sup>F

Date: October 16, 1981

September 1981

INSPECTION

Novak  
SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition;  
no mud or refuse from landfill on  
surface.

ACCESS ROADS:

Main road in good condition; branch roads  
also in good condition.

DISPOSAL AREAS:

Disposal operations presently going on the  
vicinity of 11+00 W, 11+00 S. Work will  
progress in this area until surface of fill  
reaches grade.  
Demolition is dumping in that area in and  
around station 5+50 W, 6+00 S.  
Final cover and seeding was applied to the  
Southwest.

RECEIVED

OCT 20 1981

REG. REGIONAL OF  
DEPT. OF ENV. RES.

200543

TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east side of trench.

FENCES:

In good condition.  
Some plastic material on fences and in the tree line located at the east end of landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill clean; except for some plastic material on fence and tree line.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

ORIGINAL  
(Red)

RECEIVED

OCT 20 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200544

Novak  
SANITARY LANDFILL REPORT

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

INSPECTED BY: C.A. Costello

DATE: 10-16-81

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources.  
South Whitehall Township.

RECEIVED  
ORIGINAL  
(Red)  
COSTELLO  
P.O. Box

200545

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>10/29/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill Inc.</b>		FACILITY ADDRESS <b>RD#1 Allentown PA</b>
MUNICIPALITY <b>South Whitehall Twp.</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK RD#1 Allentown PA 315-6251 315-4580</b>		
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance. 2 - Non-Compliance. 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

**200546**

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

ORIGINAL  
(Red)

200547

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Drizzling rain, cloudy, cool

DISPOSAL FACILITY NOVAK Sanitary  
Landfill Inc 100534

DATE 10/29/81

Due to several days of rain, the landfill is very muddy, however the access roads remain firm. The working face is in the same spot as during the last inspection. Both the compactor and a small dozer are being used to manage the refuse.

Chapter Citations

#42) 75.24(c)(2)(XIV) 75.37(x) A gas management plan has been submitted  
75.38(11)(6) And review is currently in progress.

#65) 75.26(o),(p), 75.37(,) No new vegetation could be seen on the  
75.38(11)(8)(ix) Area which has been planted.

Michael G. Marble

Department of Environmental Resources Representative

L. I. H. H. H.

Operator

200548

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>		INSPECTION DATE (9-14) <b>11/17/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc</b>		FACILITY ADDRESS <b>RD #1 Allentown PA</b>	
MUNICIPALITY <b>South Whitehall Twp</b>		COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD #1 Allentown PA 395-6251 395-4580</b>			
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>yes</b>		DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required. bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34				
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
35				
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
36				
75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
37				
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
38				
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39				
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
40				
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		
41				

200549

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(l)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			X
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

ORIGINAL  
(Red)

200550

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Cloudy, + Cool; has  
rained the last few days.

DISPOSAL FACILITY Novak Sanitary  
Landfill Inc. 100534

DATE 11/17/81

The working face remains at the same place as during the last inspection. About 5 feet remain to be filled at this area. The East half of the No. 2 Trench is nearing completion.

Chapter Citations:

42) 75.24(C)(2)(xxiv) 75.37(x) A meeting between the Department and the design engineer of the gas plan is being set up to facilitate the implementation of it.

56) 75.26(i) 75.38(ii)(v)(vii) Some areas near the working face has not <sup>receive</sup> ~~received~~ an adequate 6" layer of cover material. Some covering had been done on this area but not nearly enough. This area should receive further cover along with today's covering operation.

65) 75.26(o),(p) 75.37(j) The area requiring vegetative growth will have to wait until next spring before grass can be grown. If the seed which has already been <sup>ORIGINAL</sup> ~~planted~~ (Red) not grow then reseeding will have to be done.

Michael J. Frawley

Department of Environmental Resources Representative

L. J. Novak

Operator

October 1981

(1)

100532  
Weather: Cloudy 390p  
Date: November 24, 1

October 1981 INSPECTION  
SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39042 and T-593 in good condition;  
no mud or refuse from landfill on surface.

ACCESS ROADS: Main Road in good condition; branch roads  
also in good condition. branch road is  
still under construction.

DISPOSAL AREAS: Disposal operations presently going on the  
vicinity of 11+00 W, 11+00 S. Work will  
progress in this area until surface of  
fill reaches grade.  
Demolition is dumping in that area in and  
around station 5+50 W, 6+00 S.

ORIGINAL  
(red)  
**RECEIVED**

NOV 27 1981

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

200552

TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Some plastic material on fences and in the tree line located at the east end of the landfill.

VEGETATED AREAS:

All trees and brush around the landfill have plastic material.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS: Remove plastic material from fence and tree line.  
Also continue to clean blowing litter from same.

INSPECTED BY:

C. A. Costello

DATE: Nov. 24, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

200554



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

YEAR 1981

MONTH OCTOBER

PERMIT #							
REGION							

FACILITY NAME ADUARKS LANDFILL INC.

Street or Box Number

COUNTY

ADDRESS RD 21

LEHIGH

PHONE

Town or City

Zip Code

215-3956251

ALLENTOWN

18104

METHOD 2				DAILY TOTALS				CUMULATIVE TOTALS			
DATE	MUNICIPAL	RESIDUAL	OTHER	MUNICIPAL	RESIDUAL	OTHER		MUNICIPAL	RESIDUAL	OTHER	
1	270	310	10	270	310	10		270	310	10	
2	330	265	6	600	575	16		600	575	16	
3	80	115	17	680	690	33		680	690	33	
4											
5	350	370	13	1030	1060	46		1030	1060	46	
6	285	310	10	1315	1370	56		1315	1370	56	
7	323	365	15	1638	1735	71		1638	1735	71	
8	265	175	9	1903	1910	80		1903	1910	80	
9	410	405	18	2313	2315	98		2313	2315	98	
10	105	65	00	2418	2380	98		2418	2380	98	
11											
12	390	374	15	2808	2754	113		2808	2754	113	
13	250	320	00	3058	3074	113		3058	3074	113	
14	364	190	00	3422	3264	113		3422	3264	113	
15	280	224	8	3702	3448	121		3702	3448	121	
16	420	356	25	4122	3844	146		4122	3844	146	
17	75	116	00	4197	3960	146		4197	3960	146	
18											
19	325	315	10	4522	4275	156		4522	4275	156	
20	310	226	15	4832	4501	171		4832	4501	171	
21	372	340	12	5204	4841	183		5204	4841	183	
22	230	310	00	5434	5151	183		5434	5151	183	
23	437	368	18	5871	5519	201		5871	5519	201	
24	95	133	00	5966	5652	201		5966	5652	201	
25											
26	420	393	00	6386	6045	201		6386	6045	201	
27	289	316	15	6675	6361	216		6675	6361	216	
28	310	205	22	6985	6566	238		6985	6566	238	
29	305	146	16	7290	6712	254		7290	6712	254	
30	365	435	18	7655	7147	272		7655	7147	272	
31	102	110	00	7757	7257	272		7757	7257	272	
YEARLY CUMULATIVE				70786	76872	2342		70786	76872	2342	

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

1	0	0	5	3	4
PERMIT #					
1	0	0	5	3	4
REGION					
1	0	0	5	3	4

YEAR 1981

MONTH SEPTEMBER

FACILITY NAME NOVAK'S LANDFILL INC.

Street or Box Number

COUNTY

ADDRESS RD#1

LEHIGH

PHONE

Town or City

Zip Code

215-3456251

ALLEN TOWN

18104

METHOD 2 comp.				DAILY TOTALS				CUMULATIVE TOTALS							
DATE	MUNICIPAL			RESIDUAL			OTHER	MUNICIPAL			RESIDUAL			OTHER	
1	3	1	0	3	4	0	15	3	1	0	3	4	0	15	
2	3	5	5	2	9	5	12	6	6	5	6	3	5	27	
3	2	8	5	3	2	0	00	9	5	0	9	5	5	27	
4	4	0	5	3	8	0	18	1	3	5	1	3	5	45	
5	1	0	6	1	3	0	00	1	4	6	1	4	8	45	
6															
7	3	9	5	4	1	0	25	1	8	5	1	8	9	70	
8	2	5	8	3	3	5	13	2	1	1	2	3	3	83	
9	4	1	5	3	5	0	9	2	5	2	2	5	8	92	
10	2	3	0	2	9	6	16	2	7	5	2	8	7	108	
11	4	5	5	4	1	3	00	3	2	1	2	3	8	108	
12	1	3	7	5	3		00	3	3	5	1	3	4	108	
13															
14	3	8	0	3	6	5	18	3	7	3	1	3	7	126	
15	3	1	0	3	5	6	16	4	0	4	1	4	0	142	
16	4	2	0	4	1	2	18	4	4	6	1	4	4	160	
17	2	1	5	3	2	4	23	4	6	7	6	4	7	183	
18	3	7	8	3	9	5	00	5	0	5	4	5	1	183	
19	9	5		1	1	6	9	5	1	4	4	5	3	192	
20															
21	2	7	9	3	3	7	15	5	4	2	8	5	6	207	
22	3	9	5	3	6	0	13	5	8	2	3	6	0	220	
23	2	8	0	3	9	5	17	6	1	0	3	6	4	237	
24	3	6	9	2	0	5	6	6	4	7	2	6	6	248	
25	4	4	5	4	7	0	18	6	9	1	7	7	0	261	
26	1	2	1	5	5		00	7	0	3	8	7	1	261	
27															
28	3	7	7	3	1	2	22	7	4	1	5	7	4	283	
29	2	8	0	3	6	5	15	7	6	9	5	7	8	298	
30	3	9	0	4	1	2	16	8	0	8	5	8	2	314	
31															
YEARLY CUMULATIVE								63029			69635			2076	

PR-SW-10:11/79

(For Dept Use)  
SITE ID CODE

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

YEAR 1981

MONTH AUGUST

100534  
PERMIT #  
REGION

FACILITY NAME MOVIAK'S LANDFILL INC.

Street or Box Number

COUNTY

ADDRESS RDP

LEHIGH

PHONE

Town or City

Zip Code

215-3956251

ALLENTOWN

18104

METHOD

2

DAILY TOTALS

CUMULATIVE TOTALS

DATE	MUNICIPAL	RESIDUAL	OTHER	MUNICIPAL	RESIDUAL	OTHER
1	140	127	12	140	127	12
2						
3	453	546	30	593	673	42
4	369	460	17	462	1133	59
5	425	437	00	1387	1570	54
6	430	305	25	1817	1875	84
7	538	480	15	2355	2355	99
8	119	95	00	2474	2450	
9						
10	470	483	45	2944	2933	144
11	385	426	17	3329	3359	161
12	439	280	20	3768	3639	181
13	393	310	20	4161	3949	201
14	610	494	30	4771	4443	231
15	123	170	6	4894	4613	237
16						
17	390	390	15	5284	5003	252
18	285	385	10	5569	5388	262
19	436	417	25	6005	5805	287
20	405	365	20	6410	6170	307
21	560	470	13	6970	6640	320
22	107	143	00	7077	6783	
23						
24	426	487	35	7503	7270	355
25	390	320	25	7893	7590	380
26	430	395	10	8323	7985	390
27	274	230	7	8597	8215	397
28	483	573	10	9080	8788	407
29	165	169	00	9245	8957	
30						
1	470	639	20	9715	9596	427
YEARLY CUMULATIVE				54944	61414	1756

(SEE INSTRUCTIONS ON BACK)

200558

PA-SWM-30:11/80

(For Dept Use)  
SITE ID CODE

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

100534  
PERMIT #  
REGION

YEAR 1981  
MONTH JULY

FACILITY NAME MOULTON HILLS LANDFILL INC.

Street or Box Number

COUNTY

ADDRESS RD #1

LEHIGH

PHONE

Town or City

Zip Code

215-3456251

ALLENTOWN

18104

METHOD 2				DAILY TOTALS												CUMULATIVE TOTALS											
DATE	MUNICIPAL			RESIDUAL			OTHER			MUNICIPAL			RESIDUAL			OTHER											
1	4	8	3	5	4	0	2	0		4	8	3	5	4	0	2	0										
2	3	2	5	4	8	5	1	5		8	0	8	4	4	8	3	5										
3	4	2	0	3	6	0				1	2	2	1	3	8	5											
4																											
5																											
6	4	6	5	6	0	5				1	6	9	1	9	6	3											
7	3	0	0	4	2	3	3	0		1	9	9	2	3	8	6											
8	4	0	5	4	0	0	2	0		2	3	9	2	7	8	6											
9	3	7	0	3	3	5	1	8		2	7	6	3	1	2	1											
10	5	0	0	4	9	0	2	5		3	2	6	3	6	1	1											
11	1	3	0	2	4	0				3	3	9	8	3	8	5	1										
12																											
13	5	4	0	4	8	5	2	5		3	9	3	8	4	3	3	6										
14	2	9	0	4	5	6	2	0		4	2	2	8	4	7	9	2										
15	3	2	5	3	7	3	1	7		4	5	5	3	5	1	6	5										
16	4	1	0	3	8	5	2	0		4	9	6	3	5	5	5	0										
17	4	0	0	5	3	0	3	2		5	3	6	3	6	0	8	0										
18	1	7	5	1	9	4	1	5		5	5	3	8	6	2	7	4										
19																											
20	4	1	2	5	7	0	2	5		5	9	5	0	6	8	4	4										
21	3	5	5	4	1	2	1	3		6	3	0	5	7	2	5	6										
22	3	9	0	4	2	0	1	9		6	6	9	5	7	6	7	6										
23	3	7	0	3	0	1	2	0		7	0	6	5	7	9	7	7										
24	4	8	0	4	0	6	3	2		7	5	4	5	8	3	8	3										
25	1	5	3	2	0	5	1	8		7	6	9	8	8	5	8	8										
26																											
27	5	0	5	5	6	0	3	2		8	2	0	3	9	1	4	8										
28	2	3	5	3	0	0	1	8		8	4	3	8	9	4	4	8										
29	2	8	0	3	3	6	2	5		8	7	1	8	9	7	8	4										
30	3	2	0	2	9	5	3	0		9	0	3	8	1	0	0	7	9									
31	4	6	0	1	3	0				9	4	4	8	1	0	2	0	9									
YEARLY CUMULATIVE										4	5	2	2	9	5	1	8	1	8	1	3	2	9				

(SEE INSTRUCTIONS ON BACK)

000559

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

YEAR 1981

MONTH JUNE

PERMIT #							
REGION							

FACILITY NAME MOUAKIS LANDFILL INC

Street or Box Number

COUNTY

ADDRESS RIDGE

LEHIGH

PHONE

Town or City

Zip Code

215-3956251

ALLENTOWN

18104

METHOD 2				DAILY TOTALS				CUMULATIVE TOTALS																						
DATE	MUNICIPAL			RESIDUAL			OTHER			MUNICIPAL				RESIDUAL				OTHER												
1	5	5	6	6	6	5	3	5		5	5	6		6	6	5		3	5											
2	3	8	0	6	8	0	2	3		9	3	6		1	3	4	5		5	8										
3	4	6	5	3	7	5	3	8		1	3	9	2	1	7	2	0		9	6										
4	2	5	0	6	3	6	3	5		1	6	4	2	2	3	5	6		1	3	1									
5	5	1	5	4	5	0	2	6		2	1	5	7	2	8	0	6		8	5	7									
6	1	6	0	3	1	0	1	7		2	3	1	7	3	1	1	6		1	7	4									
7																														
8	5	3	0	6	4	5	4	3		2	8	4	7	3	7	6	1		2	1	7									
9	3	2	0	6	1	0	3	8		3	1	6	7	4	3	7	1		2	5	5									
10	4	3	5	4	0	5	3	5		3	6	0	2	4	7	7	6		2	9	0									
11	4	1	0	4	3	5	4	1		4	0	1	2	5	2	1	1		3	3	1									
12	5	0	5	5	9	5	4	7		4	5	1	7	5	9	0	6		3	7	8									
13	1	7	5	1	3	2	0	0		4	6	9	2	5	9	3	8		3	7	8									
14																														
15	5	9	0	6	7	5	5	6		5	2	8	2	6	6	1	3		4	3	4									
16	3	3	5	5	3	6	4	2		5	6	1	7	7	1	4	9		4	7	6									
17	4	2	0	4	3	2	2	3		6	0	3	7	7	5	8	1		4	9	9									
18	3	5	0	5	0	5	3	9		6	3	8	7	8	0	8	6		5	3	8									
19	4	8	5	6	7	5	3	2		6	8	7	2	8	7	6	1		5	7	0									
20	1	4	3	2	6	5	1	5		7	0	1	5	9	0	2	6		5	8	5									
21																														
22	4	8	5	6	7	4	2	6		7	6	8	9	9	7	0	0		6	1	1									
23	5	3	5	5	4	0	1	5		8	2	2	9	1	0	2	4	0		6	2	6								
24	3	1	5	7	1	0	3	3		8	9	3	9	1	0	9	5	0		6	5	9								
25	4	4	3	4	5	0	3	9		9	3	8	9	1	1	4	0	0		6	9	8								
26	5	6	1	6	8	5	4	2		1	0	0	7	1	2	0	8	5		7	4	0								
27	1	6	4	1	5	3	1	7		1	0	2	2	1	2	2	3	8		7	5	7								
28																														
29	6	1	7	6	1	7	4	5		1	0	8	4	1	2	8	5	5		8	0	2								
30	4	2	3	5	4	5	3	8		1	1	3	8	1	3	4	0	0		8	0	4								
31																														
YEARLY CUMULATIVE										35731				41609				3627												

EX-SW-30:11/80

(For Dept Use)  
SITE ID CODECOMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

YEAR 1981

MONTH MAY

PERMIT #							
REGION							

FACILITY NAME NOVAK'S LANDFILL INC.

Street or Box Number

COUNTY

ADDRESS RD #1

LEHIGH

PHONE

Town or City

Zip Code

215-3956251

ALLENTOWN

18104

METHOD 2				DAILY TOTALS				CUMULATIVE TOTALS											
DATE	MUNICIPAL			RESIDUAL			OTHER	MUNICIPAL				RESIDUAL				OTHER			
1																			
2																			
3																			
4	5	3	4	6	9	7	45	5	3	4		6	9	7		45			
5	3	6	8	6	3	7	39	9	0	2		1	3	3	4	94			
6	4	2	5	4	3	2	26	1	3	2	7	1	7	6	6	110			
7	3	3	7	6	3	8	38	1	6	6	4	2	4	0	4	148			
8	4	8	9	5	3	0	24	2	1	5	3	2	9	3	4	172			
9	1	4	1	2	3	9	26	2	2	9	4	3	1	7	3	198			
10																			
11	5	0	1	6	6	6	54	2	7	9	5	3	8	3	9	252			
12	3	7	5	6	4	0	41	3	1	7	0	4	4	7	9	293			
13	4	0	5	3	9	5	28	3	5	7	5	4	8	7	4	321			
14	3	1	0	5	8	5	32	3	8	8	5	5	4	5	9	353			
15	4	6	5	6	0	5	36	4	3	5	0	6	0	6	4	389			
16	1	5	5	1	9	5	24	4	5	0	5	6	2	5	9	413			
17																			
18	5	4	0	6	4	5	42	5	0	4	5	6	9	0	4	455			
19	3	5	4	5	5	0	26	5	3	9	9	7	4	5	4	481			
20	4	3	8	4	0	5	34	5	8	3	7	7	9	5	9	515			
21	3	5	5	6	6	4	24	6	1	9	2	8	5	2	3	539			
22	5	1	0	6	9	5	35	6	7	0	2	9	2	1	8	574			
23	1	3	8	2	1	0	19	6	8	4	0	9	4	2	8	593			
24																			
25																			
26	6	5	0	7	5	0	24	7	4	9	0	1	0	1	7	617			
27	4	5	6	6	2	3	40	7	9	4	6	1	0	8	0	657			
28	3	2	1	5	8	4	28	8	2	6	7	1	1	3	9	685			
29	4	9	5	6	3	1	45	8	7	6	2	1	2	0	2	730			
30	1	4	3	1	5	6	20	8	9	0	4	1	2	1	7	750			
31																			
YEARLY CUMULATIVE								24	3	4	2	28	2	0	9	27	8	7	

(SEE INSTRUCTIONS ON BACK)

000561

EP-SWM-30:11/80

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT  
PROCESSING/DISPOSAL FACILITY  
DAILY LOG

(For Dept Use)  
SITE ID CODE

YEAR 1991

MONTH APRIL

PERMIT #

REGION

FACILITY NAME MOUAKIS LANDFILL INC

Street or Box Number

COUNTY

ADDRESS RD #1

PHONE

Town or City

Zip Code

215-3956251

ALLENTOWN

18104

METHOD 2				DAILY TOTALS			CUMULATIVE TOTALS		
DATE	MUNICIPAL	RESIDUAL	OTHER	MUNICIPAL	RESIDUAL	OTHER			
1	125	125	15	125	125	15			
2	100	110	11	225	235	26			
3	120	115	13	375	350	39			
4	85	60	9	460	410	48			
5									
6	120	135	16	580	545	64			
7	110	95	12	690	640	76			
8	95	85	15	785	720	91			
9	115	130	13	900	850	104			
10	130	100	10	1030	950	114			
11	75	65	9	1105	1015	123			
12									
13	145	122	17	1245	1137	140			
14	120	115	12	1365	1252	152			
15	65	45	9	1430	1347	161			
16	110	105	15	1540	1452	176			
17	120	115	15	1660	1567	191			
18	60	70	10	1720	1637	201			
19									
20	130	125	18	1850	1762	219			
21	100	95	12	1950	1857	231			
22	45	75	19	2045	1932	250			
23	110	120	14	2155	2052	264			
24	125	110	16	2280	2162	284			
25	95	75	5	2365	2237	289			
26									
27	125	130	13	2490	2367	302			
28	110	115	14	2600	2482	316			
29	100	95	10	2700	2577	326			
30	95	50	11	2795	2627	337			
31				2851	2717	342			

YEARLY CUMULATIVE

5146 5344 679 200562

(SEE INSTRUCTIONS ON BACK)

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>		INSPECTION DATE (9-14) <b>12/14/81</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc</b>		FACILITY ADDRESS <b>RD #1 Allentown PA</b>	
MUNICIPALITY <b>South Whitehall Twp</b>		COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS J. NOVAK RD#1 Allentown PA 395-6251 395-4580</b>			
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>yes</b>		DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30				
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 ii(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 ii(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 ii(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 ii(8)(iii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 ii(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 ii(8)(ii)	Fire breaks	X		

ORIGINAL  
(filed)

200563

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

100534

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(l)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			X
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

200564

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Overcast & Cold  
First snowfall predicted

DISPOSAL FACILITY NOVAK Sanitary  
Landfill Inc 100534

DATE 12/14/81

The working face remains to be in the same place. Work is being done on the west half of trench #2. The east half of this trench appears to be to depth but many large rocks have yet to be removed.

Chapter citations:

42) 75.24(1)(2)(X)(IV) 75.37(h) On December 8, 1981, John Johnson, District Engineer, and the writer met with Mr. Novak - his engineer to discuss the gas plan. Currently, we are waiting for a gas recovery company to decide if gas recovery is feasible for this landfill.

69) 75.26(o),(p) 75.37(j) Vegetative growth: see report of 11/17/81.  
75.38(1)(8)(IX)

Recommendations:

Although no blowing litter was seen on this date, the tree line to the south of the present working area should have the litter picked up.

ORIGINAL  
(Red)

Michael Maucoli

Department of Environmental Resources Representative

Philip Maucoli

Operator

**G A S     C O N T R O L**

**PREPARED FOR:**

**NOVAK SANITARY LANDFILL  
SOUTH WHITEHALL TOWNSHIP  
LEHIGH COUNTY, PENNA.**

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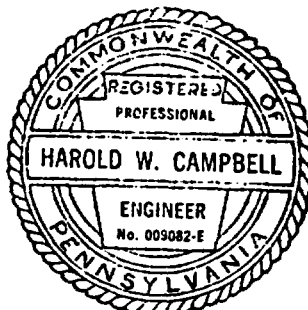
**PREPARED BY:**

**C. A. COSTELLO ENGINEERING CO.  
943 N. 7TH STREET  
ALLENTOWN, PA 18102**

**JULY 11, 1981**

**REVISED**

**DECEMBER 14, 1981**



**200566**

## GAS MANAGEMENT

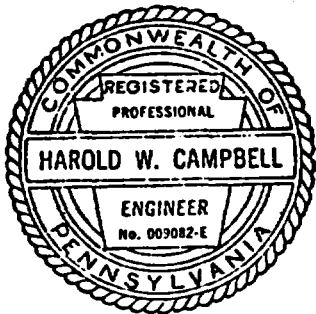
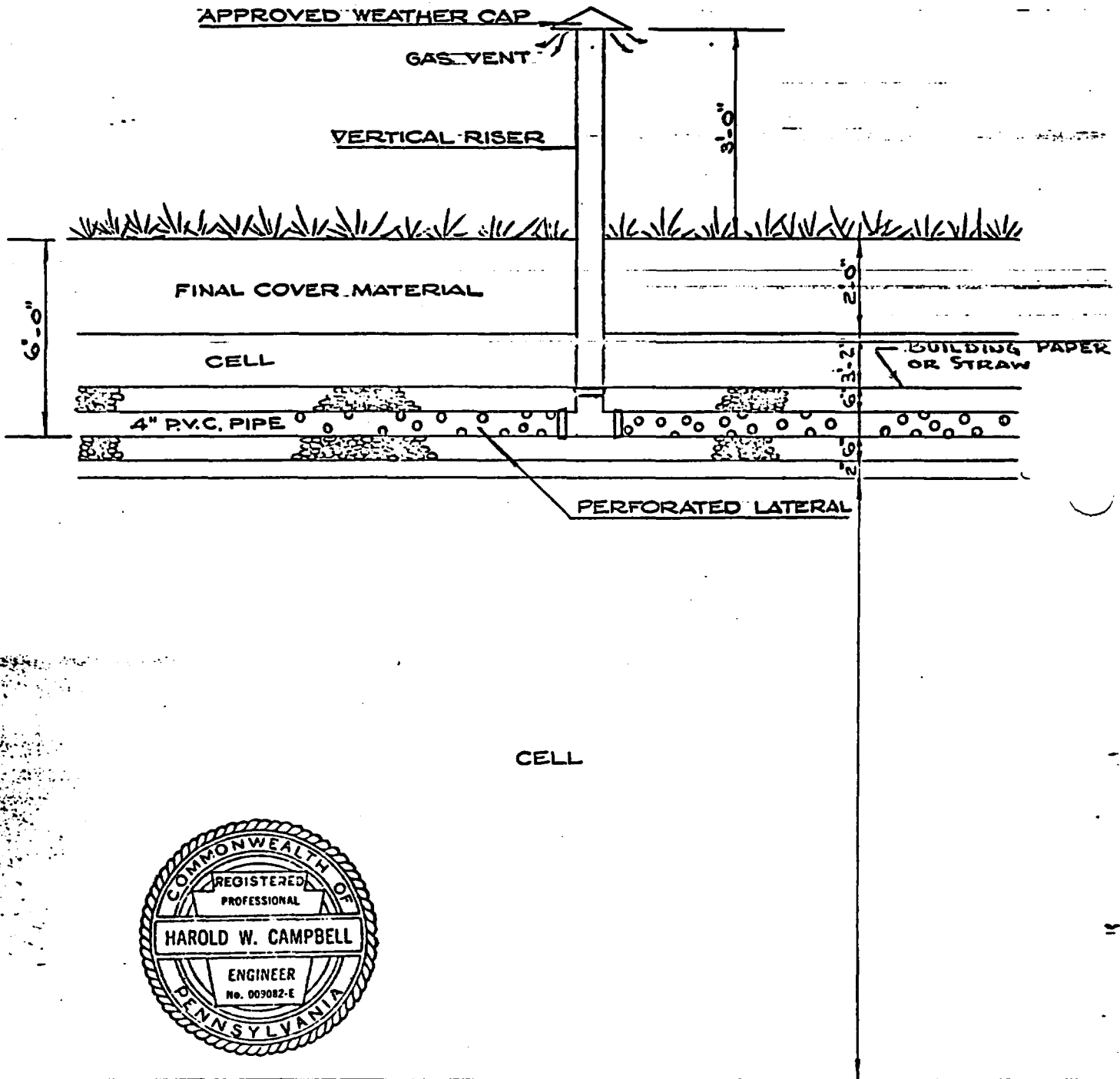
One very important part of the landfill design that has yet to be discussed is the control of decomposition gases, particularly carbon dioxide and methane.

To control the decomposition gases in the proposed landfill, a series of perforated 18 inch diameter vertical bituminous coated corrugated metal pipes will be set on and anchored to a 4 foot x 4 foot one - quarter-inch thick metal plate with perforation holes (from 1 inch to 2.5 inches in diameter) set at staggered intervals of one foot horizontally and vertically as is shown on the diagram "Typical Gravel - Filled Metal Pipes". A 4 inch PVC pipe will be installed in the center of these vents that are 20 feet deep or less, and a 6 inch PVC pipe in those over 20 feet deep to pump out any leachate that may be present in the fill. These verticals will be placed 75 feet apart. The 4 and 6 inch PVC pipes will be perforated.

To control the decomposition gases in the existing landfill, a series of perforated 4 inch laterals will be placed in shallow gravel trenches on top of the refuse, 1 foot 4 inch cell and 2 feet of final cover will then be placed over the gravel later as is shown on the diagram "Typical Lateral and Vertical Vent System". These laterals will be placed 75 feet on center. To vent the gases picked up by the laterals, vertical risers will be utilized. These vertical risers will be located every 75 feet along the lateral lines.

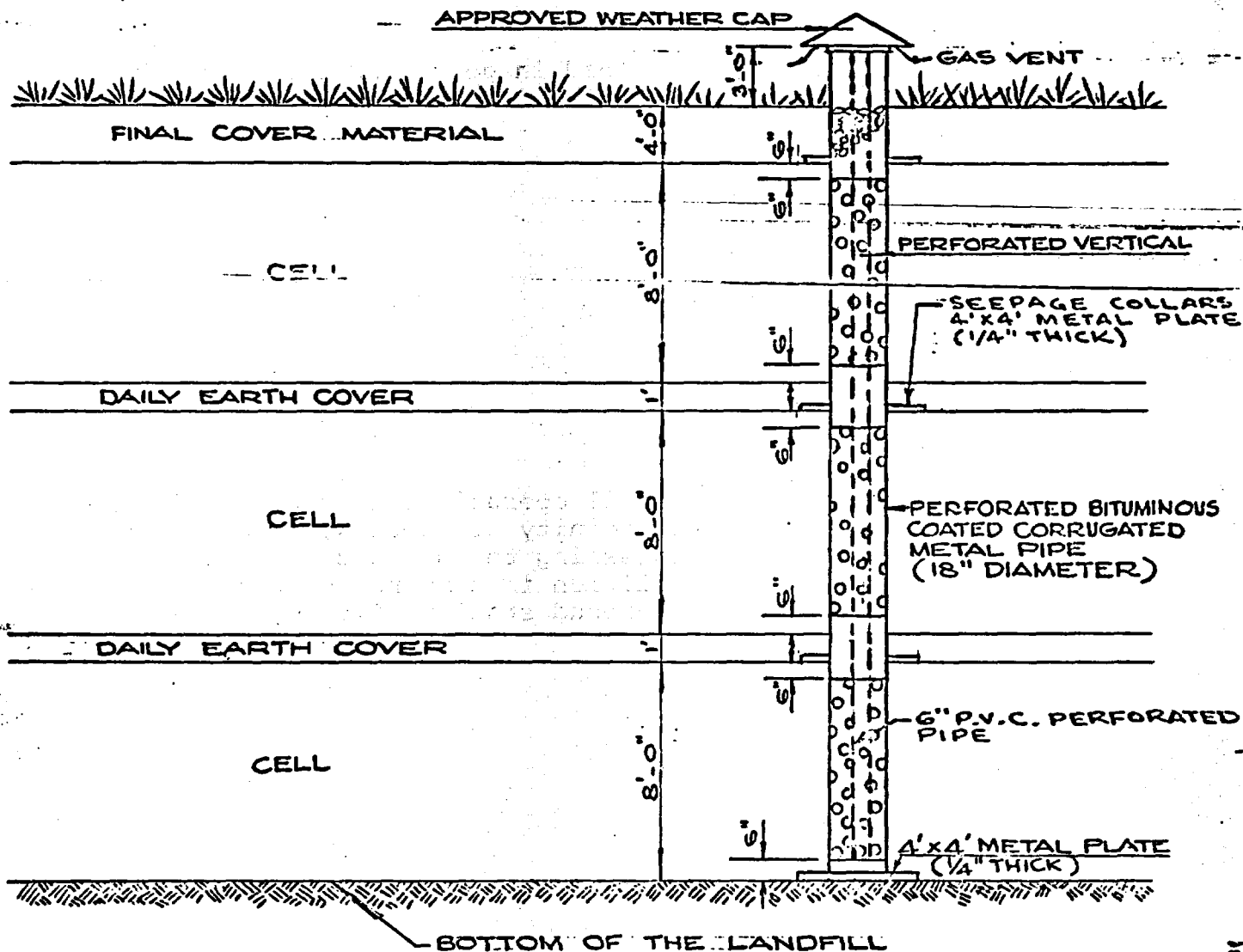
At no place will pipe vents and vertical metal pipes be located within 100 feet of any building, mechanical structure or roadway. No vent pipe will be located in a swale or other runoff area. The earth at the base (finished grade) of the exposed vent pipe will be constructed to shed water. Guard posts will be erected adjacent to the vent in order to protect them from accidental damage.

# TYPICAL LATERAL AND VERTICAL VENT SYSTEM

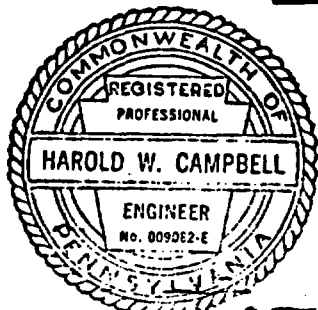


"TYPE A"

200568



# TYPICAL GRAVEL-FILLED METAL PIPES



"TYPE B"

ORIGINAL  
(Red)

200569

(1)

*Rdy file copy*  
Weather: Cloudy 31°F  
Date: December 17, 1981

November 1981 Inspection

Novak

SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition;  
No mud or refuse from landfill on  
surface.

ACCESS ROADS:

Main Road in good condition; branch  
roads also in good condition.

DISPOSAL AREAS:

Disposal operations presently going in  
the vicinity of 11+00 W, 11+00 S. and  
progressing to the East and North.  
Demolition is dumping in that area in  
and around stations 5+50 W, 6+00 S.

200570

TRENCH:

Soil being removed from trench # 2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Very little plastic material on fences and in tree line located at the east end of the landfill.

VEGETATED AREAS:

Since last October inspection, plastic material was removed from brush and tree line and found to be in good condition; located on the east side of the landfill.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

ORIGINAL  
(Red)

330571

Novak  
SANITARY LANDFILL REPORT

COMMENTS:

On December 8, 1981 there was a meeting at the site with D.E.R. Present were Mr. John R. Parsons, Mr. Dinesh P. Rajkotia, Mr. Micheal G. Maiolie, Mr. Louis Novak, and Mr. Charles Costello. Gas control specifications and plans were reviewed.

Members from D.E.R. recommended some changes made on both above items. Also there was a field inspection on locating gas vents and gas laterals.

The changes were made by Mr. Costello and submitted to Mr. Novak on December 18, 1981.

Mr. Novak will be giving them to D.E.R.

The gas vents and laterals will be installed near the west line in April 1982.

INSPECTED BY:

C. O. Costello

DATE:

DEC. 18, 1981

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

200572

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>1/8/82</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill Inc</b>	FACILITY ADDRESS <b>RD 1 Allentown PA</b>	
MUNICIPALITY <b>Saith Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD#1 Allentown PA 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>yes</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X	
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	X		
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		

200573

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvii), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(i)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)	X		
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(l)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)		X	
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)		X	
66	Chapter 101(9)(e)(2)			X

ORIGINAL  
(Red)

200574

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunny, Windy & Very  
Cold.

DISPOSAL FACILITY Nouak Sanitary

Landfill Inc. 100534

DATE 1/8/82

Work is continuing at the same place and will soon  
be moved to adjoining areas to bring them up to grade.

Chapter Citations

- #30) A large bird population is observed around the working face. Care  
should be taken to completely cover the working face at  
the end of each day.
- #42) A revised gas management plan has recently been received by the  
Department and is currently under review. Construction of this gas  
control system will begin in April.
- #63) Blowing litter was observed at the working face. This problem is  
compounded by the frozen ground and that the area is nearly  
up to grade. Policing the area must be done at frequent intervals  
(no more than one week).
- #65) Vegetative growth: see report of 11/17/81

ORIGINAL  
(Red)

Michael G. Maule

Department of Environmental Resources Representative

Louis J. Horak

Operator

(1)

Weather: Cloudy

Date: January 20, 1982

December 1981 Inspection

Novak

SANITARY LANDFILL REPORT

*MSM*

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition.  
No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road in good condition;  
branch roads also in good condition.

DISPOSAL AREAS: Disposal operations presently going in the vicinity of 11+00 W, 9+00 S. and progressing to the East and North. Demolition is dumping in that area in and around stations 5+50 W, 6+00 S.

RECEIVED

JAN 21 1982

RDG. REGIONAL OFFICE  
DEPT. OF ENV. RES.

2005.6

200676

TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench.

FENCES:

Very little plastic material on fences and in tree line located at the east end of the landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill is clean.

VECTOR &  
INCINERATION:

Adequate daily soil cover applied over the refuse is recommendable continue to clean blowing litter from trees and brush.

ORIGINAL  
(Red)

200577

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

INSPECTED BY:C CostelloDATE:JAN 20, 1982

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

ORIGINAL  
(Red)

.200578

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>		INSPECTION DATE (9-14) <b>167-48-5242</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>1/27/82</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc</b>		FACILITY ADDRESS <b>Rd 1 Allentown PA</b>	
MUNICIPALITY <b>S. Whitehall Twp.</b>		COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>LOUIS T. NOVAK RD#1 Allentown PA 395-6251 395-4580</b>			
DAILY VOLUME RECEIVED <b>250-300 T/day</b>	ANNUAL REPORT RECEIVED <b>YES</b>		DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X	
30 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	X		
35 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(vii)	Surface water management administered at the site	X		
36 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
37 75.24(c)(2)(xi) & 75.38 II(8)(vii)	Adequate source and type of cover material being utilized	X		
38 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(vii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		

ORIGINAL  
(Red)

200579

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met			
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	X		
57 75.26(a)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(l)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
65 75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas			X
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENTINSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITESCOMMENTS:  
FORM NO. 10, 11, & 12Weather: Sunny, ~ 25°F  
snow is ice covered.DISPOSAL FACILITY Novak Sanitary  
Landfill Inc 100534  
DATE 1/27/82

The working face remains on the east side of the landfill near the bend in the power lines. This area has been brought up to final grade or very near to final grade. Actual elevations should be confirmed before final cover is applied. Excavation is continuing on the #2 trench.

Chapter Citations:

- # 30) A very large bird population was observed around the working face, mainly due to the season.
- # 42) A revised gas management plan has been submitted and is under review.
- # 65) Vegetative growth: see report of 1/17/81

ORIGINAL  
(Red)Michael G. Minko

Department of Environmental Resources Representative

L. Novak

Operator

(1)

Weather: Cloudy  
Date: February 12, 1982

*PA-497*

January 11, 1982 Inspection

HOVER

SANITARY LANDFILL REPORT

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition.  
No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road in good condition;  
branch roads also in good condition.

DISPOSAL AREAS:

Disposal operations presently going in the vicinity of 11+00 W, 9+00 S; and progressing to the East and North. Demolition is dumping in the area in and around Stations 5+50 W, 6+00 S.

RECEIVED

FEB 16 1982 ORIGINAL FILED

RDG. REGIONAL OFFICE  
DEPT. DE ENV. RES.

200582

TRENCH:

Soil being removed from trench #2 and being used to cover compacted refuse area and also stockpiling on the east and west side of trench. Mr. Novak purchased two trucks for removing soil from trenches.

FENCES:

Some plastic material on fences and in tree line located on east end of the landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of landfill is clean.

VECTOR &  
INCINERATION:

Adequate daily soil cover applied over the refuse is recommendable. Continue to clean blowing litter from trees and brush.

ORIGINAL  
(Red)

200583

SITE  
SANITARY LANDFILL REPORT

COMMENTS:

Remove plastic material from fence and tree line. Also continue to clean blowing litter from same.

INSPECTED BY: C. A. Costello DATE: 2-12-82

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST: \_\_\_\_\_

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

000584

Reading Regional Office  
8-474-3464

February 12, 1982

SUBJECT: Novak Landfill  
Permit No 100534  
South Whitehall Township  
Lehigh County

TO: File

FROM: John H. Parsons *if*  
Operations Supervisor

On February 9, 1982, Mr. Ronald F. Klinikowski and the writer discussed the gas management plan and possible elevation problems at the site by telephone with Mr. Larry Lunsik, facilities supervisor for the Norristown Regional office. Mr. Lunsik indicated that he would discuss these items amending of the permit with Mr. Novak on February 19, 1982.

cc: File

*bc R. Klinikowski  
L. Lunsik  
Hq. of.*

*CRS:VNA  
(hed)*

200585

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>2/25/82</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>NOVAK Sanitary Landfill, Inc.</b>		FACILITY ADDRESS <b>Rd #1 Allentown PA</b>
MUNICIPALITY <b>S. Whitehall Twp</b>		COUNTY <b>Lehigh</b>
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD #1 Allentown PA 345-6251 345-4580</b>		
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>yes</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X	
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 ll(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
36 75.24(c)(2)(i), 75.37(e) & 75.38 ll(8)(viii)	Surface water management administered at the site		X	
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 ll(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 ll(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 ll(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 ll(8)(ii)	Fire breaks	X		

200586

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)		X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)		X	
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)		X	
57	75.26(s)			X
58	75.26(n)	X		
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(l)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)	X		
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)		X	
66	Chapter 101(9)(e)(2)			X

200587

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

weather: Sunny, Windy, Cold

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

DISPOSAL FACILITY Novak Sanitary

Landfill Inc 100534

DATE 2/25/82

The working face is moving ~~E~~ north in the same area as the past operation. The west half of the #2 trench is continuing to be excavated. The excavation does not appear to be in line with the east half and I recommend that the boundaries of this trench be surveyed and marked, to insure that it conforms to the plan.

- #30) A large bird population was seen near the working face due to exposed refuse. (see #56 below)
- 35) The area <sup>just</sup> north of the #1 trench has been brought up to grade and requires 2 feet of final cover.
- 36) several pools of standing water were seen during the inspection due to settling and improper grading. These areas need to be filled and properly graded.
- 42) A revised gas management plan and ~~is~~ is to be reviewed by the new facility's supervisor.
- 43) The last two ground water monitoring reports have not been submitted.
- 56) The area adjacent to the present working face did not receive daily cover. This was determined by observing uncovered refuse under a light snow which fell last night.
- 65) Vegetative growth: see report of 11/17/81

Michael L. Miodus  
Department of Environmental Resources Representative

[Signature]  
Operator

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

DATE PREPARED

March 11, 1982

APPLICATION FOR PERMIT FOR SOLID WASTE DISPOSAL  
and/or PROCESSING FACILITIES

FORM NO. 1

I.D. NUMBER

100534

## PHASE NO. 1

See INSTRUCTIONS on Reverse Side

1. Applicant (Name and Address)  Louis J. Novak RD #1 Allentown, PA 18104		2. Authorized Agent (Name, Title and Address)  Louis J. Novak (OWNER) RD #1 Allentown, PA 18104		DEPT. USE ONLY MAR 13 1982  Date Rec'd  Publ. Date  Date Issued	
3a. Property Owner(s) (Name and Address)  Louis J. Novak RD #1 Allentown, PA 18104 Telephone Number 395-4580		4. Type of Operation <u>Landfill</u>			
b. Site Acquisition  <input checked="" type="checkbox"/> Presently owned  <input type="checkbox"/> Will purchase  <input type="checkbox"/> Will lease for _____ years		5. Name of Facility <u>Novak Sanitary Landfill, Inc.</u> Address of Facility <u>Orefield Road L.R. 39042 RD#1</u> (Include Access Road Name and Legislative Number) <u>Allentown, PA</u> ZIP <u>18104</u> <u>Lehigh</u> Township <u>South Whitehall</u> County <u>Lehigh</u>			
U.S.G.S. Map Location of Facility Map Name <u>Cementon 7.5</u> Date <u>1964</u> 7.5' Quad <input checked="" type="checkbox"/> 15' Quad <input type="checkbox"/> Provide 7.5' Quad if published Center of Facility: LAT. <u>40</u> ° <u>37</u> ' <u>45</u> " LONG. <u>75</u> ° <u>33</u> ' <u>45</u> " Facility location measured from S.E. corner of Map: N.E. Corner-NORTH _____ in. WEST _____ in. N.W. Corner-NORTH _____ in. WEST _____ in. S.E. Corner-NORTH <u>.60</u> in. WEST <u>8.50</u> in. S.W. Corner-NORTH _____ in. WEST _____ in.		7. General Information: Existing <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Number of acres proposed for permit <u>6.00</u> Total acres of the property <u>104.0</u> Planned life of the facility <u>34</u> years Has this facility been included as a part of the Solid Waste Management Plan for the area? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Is this facility located in a coal mine? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (If yes, submit County Commissioner Approval)			
8. Documents prepared by: (Name, Title and Address)  C. A. Costello Engineering Company Harold W. Campbell, Vice-President P.O. Box 149 Neffs, PA 18065 Telephone Number 767-6872					
9. AFFIDAVIT: COMMONWEALTH OF PENNSYLVANIA COUNTY OF <u>LEHIGH</u> SS: Sworn and subscribed to before me this <u>12</u> Day of <u>March</u> 19 <u>82</u> <u>Shirley B. Gilbert</u> SHIRLEY B. GILBERT, Notary Public NOTARY PUBLIC ALLENTOWN, LEHIGH COUNTY My Comm. Expires JULY 6, 1982 Member Pennsylvania Association of Notaries		PRINT or TYPE Name to be Signed: Date: <u>3-12-82</u> <u>Louis J. Novak Pres.</u> being duly sworn according to law, depose and say that I (am the applicant) (am an officer or official of the applicant) (have the authority to make this application) and that the documents and statements submitted as part of this application are true and correct to the best of my knowledge and belief. 200589 Signature <u>Louis J. Novak</u>			

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>3/12/82</b>	INSPECTORS SOC. SEC. NO. (18-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>Novak Sanitary Landfill, Inc.</b>	FACILITY ADDRESS <b>RD #1 Allentown PA</b>	
MUNICIPALITY <b>South Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD#1 Allentown PA #18069 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>yes</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		X	
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X	
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	X		

ORIGINAL  
(Red)

200590

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

100534

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(l) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			X
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X		
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(l)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled	X		
64 75.26(c)	Provision for standby equipment available when needed	X		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

200591

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Overcast, spring  
thaw in effect, very muddy.

DISPOSAL FACILITY NOVAK Sanitary  
Landfill Inc 100534  
DATE 3/12/82

The working face is progressing toward the North west in comparison to the last work area. The writer recommends that the litter along the tree line on the east side of the landfill be picked up within two weeks of this inspection. Groundwater samples have been taken and are being analyzed.

Chapter Citations:

- 30) A large bird population was seen near the work face. (see #56 below)
- 35) The Areas which have been brought up to final grade shall be covered with 2 ft of cover material. Work must be progressing whenever possible.
- 36) Several small pools of standing water were observed. The slopes should be graded to allow drainage of this water.
- 42) The gas management plan is to be resubmitted to the new regional office for review.
- 56) A six inch layer of daily cover shall be placed on exposed refuse at the end of each working day. The area to the left of the bend in the main access road and near the last working face require this cover
- 65) Vegetative growth: See report of 11/17/81. This should also include the latest completed working area.

Michael E. Mucile  
Department of Environmental Resources Representative

L. H. Mark  
Operator

Weather: Cloudy with Rain

February 1982  
Inspection NOVAK

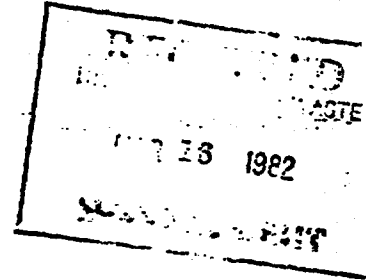
Date: March 13, 1982

PUBLIC ROADS:

L.R. 39042 and T-593 in good condition.  
No mud or refuse from landfill on surface.

ACCESS ROADS:

Main Road and branch roads in poor condition because of melting snow and rain.



DISPOSAL AREAS:

Disposal operations presently going on in the vicinity of 11+00 W, and 9+00 S. Work will progress in this area until surface of fill reaches grade.

Demolition is dumping in that area in and around Station 5+50 W, and 6+00 S.

New trench is being dug to the East of the existing demolition area.

ORIGINAL  
(Red)

200593

TRENCH:

Soil being removed from trench # 2 and being used to cover compacted refuse area and also stockpiling on the east side of the trench.

FENCES:

In good condition with plastic material on fences and in the tree lines located on the east end of the landfill.

VEGETATED AREAS:

All trees and brush around the perimeter of the landfill are clean; Except for some plastic material in fence and tree line.

VECTOR &  
INCINERATION:

No smouldering or burning refuse or evidence thereof observed. No rodents observed on site.

NOVAK  
SANITARY LANDFILL REPORT

COMMENTS:

Adequate daily soil cover applied over the refuse is recommendable.  
Continue to clean blowing litter from trees and brush. In April elevations will be taken between Stations 13+00 W, and 8+00 W. Also from Station 12+00 S, and 7+00 S. to achieve final grade.

INSPECTED BY:C. A. CostelloDATE:3-13-82

C. A. COSTELLO ENGINEERING COMPANY  
Allentown, PA 18102

ATTEST:

cc: Novak Sanitary Landfill  
Department of Environmental Resources  
South Whitehall Township

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <div style="font-size: 1.2em; font-family: cursive;">100534</div>	INSPECTION DATE (9-14) <div style="font-size: 1.2em; font-family: cursive;">4/12/82</div>	INSPECTORS SOC. SEC. NO. (16-24) <div style="font-size: 1.2em; font-family: cursive;">167-48-5242</div>
NAME OF DISPOSAL FACILITY <div style="font-size: 1.2em; font-family: cursive;">Novak Sanitary Landfill, Inc.</div>		FACILITY ADDRESS <div style="font-size: 1.2em; font-family: cursive;">RD#1 Allentown PA</div>
MUNICIPALITY <div style="font-size: 1.2em; font-family: cursive;">South Whitehall Twp</div>		COUNTY <div style="font-size: 1.2em; font-family: cursive;">Lehigh</div>
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <div style="font-size: 1.2em; font-family: cursive;">Louis J. Novak, RD#1 Allentown PA 18069 395-6251 395-4580</div>		
DAILY VOLUME RECEIVED <div style="font-size: 1.2em; font-family: cursive;">250-300</div>	ANNUAL REPORT RECEIVED <div style="font-size: 1.2em; font-family: cursive;">yes, next one due July.</div>	DAYS PER WEEK OPERATED $\frac{5}{12}$

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
29 75.21(q)	Approved operational safety program being utilized	X		
30 75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
31 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
34 75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
35 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
36 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X	
37 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
38 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
40 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
41 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		

200596

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42 75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		X	
43 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	X		
44 75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	Approved subbase being utilized	X		
46 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
47 75.25(h)	Lined site, under drains operable			X
48 75.25(i)	Are liners in place and covered with protective earth			X
49 75.25(o)(3)	Lined site, daily record of leachate flow maintained			X
50 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			X
51 75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52 75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 75.26(q)	At lined sites, is all waste deposited on lined areas			X
54 75.26(f)	Regulation ban on open burning adhered to	X		
55 75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
56 75.26(i) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		X	
57 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			X
58 75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		X	
59 75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		
60 75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61 75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X		
62 75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		
63 75.26(j), (k)	Blowing litter controlled		X	
64 75.26(c)	Provision for standby equipment available when needed	X		
75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	
66 Chapter 101(9)(e)(2)	Is bonding status correct			X

200597

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunny, Clear, Warming.

DISPOSAL FACILITY Novak Sanitary  
Landfill Inc. 100534

DATE 4/12/82

The present working face is up to the final grade and must not receive any further refuse on top of it. Due to last weeks heavy snows and high winds several problems are present and will be covered below.

Violations:

- 35) The area just north of trench #1 requires 2 feet of final cover. This area extends from the trench access road to the east about 80 yds. This area's elevation should also be checked to be sure it is not above grade.
- 36) Several pools of standing water and leachate were seen around the site. These pools should be graded to allow drainage of the liquid.
- 42) The gas management plan is currently awaiting comments by the local municipality.
- 56) Several areas that were filled last week have not received adequate daily cover. Work should begin immediately to cover these areas.
- 58) A one foot layer of intermediate cover should be placed over any completed areas until the final cover layer can be applied.
- 63) The tree line on the east side of the landfill is heavily strewn with litter due to recent high winds. This litter should be collected to prevent it from leaving the property.
- 65) Efforts to establish vegetation should begin as soon as weather allows.

Michael G. Maiolo

Department of Environmental Resources Representative

L. Novak

Operator

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

IDENTIFICATION NUMBER (1-7) <b>100534</b>	INSPECTION DATE (9-14) <b>4/29/82</b>	INSPECTORS SOC. SEC. NO. (16-24) <b>167-48-5242</b>
NAME OF DISPOSAL FACILITY <b>Novak Sanitary Landfill Inc. RD #1 Allentown PA</b>		FACILITY ADDRESS
MUNICIPALITY <b>S. Whitehall Twp</b>	COUNTY <b>Lehigh</b>	
FACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) <b>Louis J. Novak RD #1 Allentown PA 18067 395-6251 395-4580</b>		
DAILY VOLUME RECEIVED <b>250-300</b>	ANNUAL REPORT RECEIVED <b>Due in July</b>	DAYS PER WEEK OPERATED <b>5 1/2</b>

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
26 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	X		
27 75.21(s)	25' setback line buffer zone present	X		
28 75.21(l)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	X		
75.21(q)	Approved operational safety program being utilized	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	X		
30 75.21(m)(2)	Hours of operation prominently posted	X		
32 75.21(k)	Telephone or other communications available	X		
33 75.21(o)(1)	Salvaging occurs in accordance with regulations	X		
75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	X		
34 75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift		X	
35 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		X	
36 75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department	X		
37 75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
38 75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	X		
39 75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	X		
40 75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(i)	Fire breaks	X		
41				

200599

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT**

100534

**INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES,  
DEMOLITION SITES, FLYASH SITES, SLAG SITES  
FORM NO. 10**

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(8)	X	X	
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	X		
45	75.24(c)(2)(x)	X		
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	X		
47	75.25(h)			X
48	75.25(i)			X
49	75.25(o)(3)			X
50	75.26(a) & 75.37(g)			X
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	X		
53	75.26(q)			X
54	75.26(f)	X		
55	75.26(d) & 75.38 II(8)(vi)	X		
56	75.26(l) & 75.38 II(8)(vii)	X		
57	75.26(s)			X
58	75.26(n)		X	
59	75.26(d) & 75.38 II(8)(iv)	X		
60	75.26(l)	X		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	X		
62	75.26(g), (h) & 75.38 II(8)(vi)	X		
63	75.26(j), (k)		X	
64	75.26(c)	X		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)		X	
66	Chapter 101(9)(e)(2)			X

200600

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT  
SANITARY LANDFILL, INDUSTRIAL SITES  
DEMOLITION SITES, FLYASH SITES, SLAG SITES

COMMENTS:  
FORM NO. 10, 11, & 12

Weather: Sunny, Warm

Last rain 2 1/2 days ago.

DISPOSAL FACILITY NOVAK LANDFILL  
Incl. 100534  
DATE 4/29/82

Filling is continuing on areas which have subsided in the past. Care should be taken to only fill these areas up to grade as overfilling will cause drainage problems in the future. Work is continuing on the access road to the trench area. Bedrock has been encountered on the #2 trench. A one to one soil/refuse ratio must be kept therefore backfilling of this area may be required.

Violations

- 1) About one half of the area requiring final cover appears to have been covered. Work should continue as soon as possible.
- 36) Pools of standing water were observed around the site. Some of the pools observed during the last inspection have been filled.
- 42) The gas management plan is still awaiting comments by local authorities.
- 58) A one foot layer of compacted cover material should be placed over completed lift. The edges of the final lift require this filling.
- 63) The treeline on the east side of the landfill still requires the litter to be picked up. Some litter is beginning to extend past the treeline.
- 65) Now is the time to reseed areas which do not have vegetative growth. As final cover is completed, these areas shall receive seed.

*Michael G. Maiole*

Department of Environmental Resources Representative

*L. H. H. H.*

Operator

200601

# JOINT PLANNING COMMISSION LEHIGH-NORTHAMPTON COUNTIES

ALLENTOWN-BETHLEHEM-EASTON AIRPORT, Government Building  
ALLENTOWN, PENNSYLVANIA 18103

May 3, 1982

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DEBORAH A. SIEGER

Vice Chair

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County Executive

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Chairman, Board

of Commissioners

NORTHAMPTON COUNTY

EUGENE R. HARTZELL

County Executive

RALPH R. HARTZELL

President, County Council

CODE TELEPHONE

215 264-4544

MICHAEL N. KAISER

Executive Director

CHARLES W. STOPP

Solicitor

Mr. Lawrence H. Lunsik  
Solid Waste Facilities Supervisor  
Department of Environmental Resources  
1875 New Hope Street  
Norristown, PA 19401

Re: Act 97 Review - Application to Revise the  
DER Permit for Novak Landfill to Provide  
for Methane Gas Control (South Whitehall Twp.)

Dear Mr. Lunsik:

The Joint Planning Commission reviewed the above-referenced permit application at its regular monthly meeting on April 29, 1982 pursuant to the requirements of Act 97, the Pennsylvania Solid Waste Management Act. The Commission offers the following comments.

The Novak Landfill is included in the JPC Solid Waste Management Plan and we believe that it is definitely needed to meet existing and future disposal needs of the area. Therefore, the Commission is in favor with correcting any environmental problems so the site can continue to operate. The Commission has no objection to this gas control project as long as the DER technical criteria are met.

The Joint Planning Commission does not perform a detailed evaluation of applications under Act 97 against the DER technical requirements since this is the responsibility of DER.

If you have any questions concerning this review, please contact me.

Very truly yours,

*Allen R. O'Dell*

Allen R. O'Dell  
Chief Planner

ARO:jlw

cc: Mr. Louis J. Novak  
Mr. Harold W. Campbell  
Mr. Elwood M. Bernhard

200602

File 11 pak Landfill

Lehigh Co

Environmental Resources

May 1, 1982

1-384-1410

Novak Landfill  
South Whitehall Township  
Lehigh County

Lawrence H. Lunck  
Regional Solid Waste Facilities Supervisor

Joseph Mankula  
Hydrogeologist

On April 19, 1982 I accompanied Mike DiBilio, Solid Waste Specialist, to the Novak Landfill during his regular field inspection. Mr. DiBilio, the owner/operator, was present during the inspection. My observations are as follows:

1. The surface water/erosion control plan appears to be inadequate. The operator should be consulted on this.
2. A leachate/effluent stream flows at the toe of the land waste area in a paper-lined area. The stream is a possible source of leachate. The stream flows at the toe of the landfill at an estimated rate of 100 gpm, travels approximately 50 feet and discharges. This flow enters the previously filled abandoned limestone pit area in which a portion of the landfill is constructed. This constitutes a direct injection of leachate into the ground. The runoff from this one discharge is a very small portion of the total leachate generated, but is an example of the lack of environmentally sound leachate control at this site.
3. Because this site overlies limestone and limestone is a source of contamination, such injection of contaminants represents a significant threat to the aquifer, and possibly the Jordan Creek.
4. As an interim remedial measure, leachate should be collected in clay-lined lagoons, pumped and sprayed-back to encourage evaporation. Additional proper cover and vegetation on top of the fill site should be added so that a final cover of at least two feet is achieved.
5. Leachate generation could be reduced if the operator, Mr. Novak, could be strongly urged to finish the proper covering and revegetate. This, combined with the implementation of a suitable, approved erosion/collection scheme would improve site conditions.

200603